

EXTRUSIONS CATALOGUE

HS-MA-G-038-03



HERITAGE
BY H SYSTEMS



”

**YOUR
GATEWAY
TO A
BETTER
VIEW**

EXECUTIVE SUMMARY

H Systems (Pty) Ltd was established in KwaZulu-Natal, South Africa in 1995. We specialize in the distribution of aluminium accessories, extrusions, and specialized architectural systems into Southern Africa. In addition we design, develop and assist with implementation of cutting-edge solutions for both the commercial and residential, façade and fenestration industries. H Systems (Pty) Ltd is part of the internationally renowned Corialis Group (Core Innovative Aluminium Integrated Solutions).

WHAT WE OFFER

Our offering includes, standard South African systems of aluminium windows, doors, sliding doors, cladding, curtain wall façades, shopfronts, fixed sun-control, and ventilated louvres, accompanying hardware products and more. We offer specialized window and door systems under our Custodian range. We are a stockiest of Aliplast, high end European thermally broken systems for windows and doors.

OUR BRAND

When the Heritage logo or insignia is seen by us and our valued clients, it signifies our collective pride in an exceptional product range, a dedicated team of professionals, and the enduring tradition of quality that we are committed to maintain.

THE HERITAGE RANGE

- H 28 Casement
- H 30.5 Casement
- H 34 Casement
- H 38 Casement
- Zenith Sliding Window
- H Shopfront
- Heavy Duty Slider
- Sliding Folding Door
- Patio Sliding Door System



HERITAGE RANGE SYSTEMS AVAILABLE

Range	Window	Door	Flush Glaze Capable	Double Glazed Capable
H 28 Casement	✓			
H 30.5 Casement	✓			
H 34 Casement	✓			✓
H 38 Casement	✓		✓	✓
Zenith Sliding Window	✓			✓
H Shopfront	✓	✓	✓	✓
Heavy Duty Slider	✓	✓		✓
Sliding Folding Door	✓	✓		✓
Patio Sliding Door System	✓	✓		✓

GENERAL INFORMATION

TERMS & CONDITIONS

At H Systems, we take pride in offering a diverse range of extrusion products showcased in the catalogue. We understand the importance of making informed choices when selecting the right components for your projects. To facilitate this, we provide detailed information on our product offerings and their availability.

H Systems will not accept requests for discontinued items once they have been removed from our product offering. While we make every effort to provide accurate and timely information regarding product availability, H Systems reserves the right to discontinue any item without prior notice. Consequently,

H Systems shall not accept any liability for any losses, damages, or inconveniences incurred as a result of discontinued items. By using this catalogue and purchasing products, customers acknowledge and accept that H Systems bears no responsibility or liability for discontinued items.

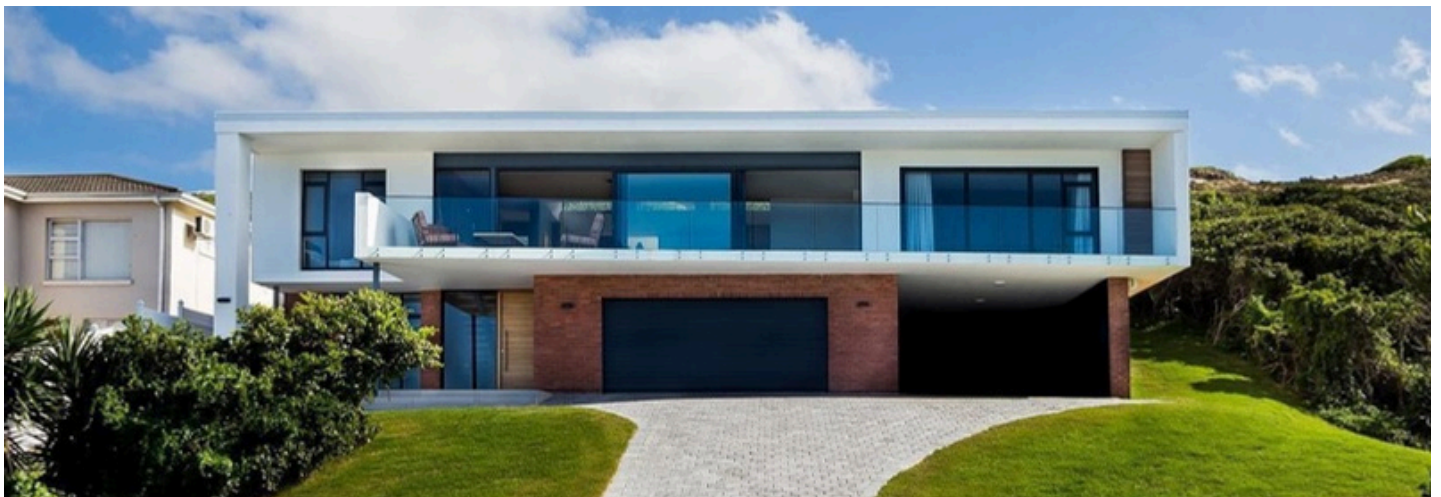
Customers are advised to regularly check product availability and consult with our representatives to obtain the most current information. If you require extrusions that is not listed in the catalogue, kindly contact our sales team. They will make every effort to assist you in sourcing the desired products, subject to availability from our suppliers.

For detailed information regarding our terms of trade, including payment methods, delivery options, and returns, please contact us. Our dedicated team will be happy to provide you with the necessary information and address any inquiries you may have.

All intellectual property rights associated with the H Systems extrusions catalogue, its contents, and any other materials provided by H Systems, shall remain the exclusive property of H Systems or its licensors.

To stay informed about our latest product offerings, you can connect with us on our social media platforms - Facebook, Instagram, and LinkedIn. Additionally, you can sign up on our website, www.hsystems.co.za. If you have any questions or need assistance regarding the H Systems extrusions catalogue, product availability, trade terms, or warranty information, please feel free to reach out to us using the following contact details:

H Systems (Pty) Ltd
206 R23 Road, Bredell Ext 26, Kempton Park, Gauteng, 1619
Phone: +27 (011) 748 2660
Email: info@hsystems.co.za



GENERAL INFORMATION

ABBREVIATIONS

DESCRIPTION	ABBREVIATION
Casement Window	CW
Double Glazed	DG
Ethylene Propylene Diene Monomer	EPDM
Extrusions	EXT
Fixed Panel	O
Flush Glazed	FG
Heavy Duty	HD
Heavy Duty Slider	HDS
Patio Sliding Door	PSD
Santoprene	TPE
Shopfront	SF
Sliding Folding Door	SFD
Slider	X
Square	SQ
Stainless Steel	SS

STANDARD STOCK COLOUR CODES

COLOUR	COLOUR CODE
Black	BE
Bronze	BZE
Charcoal	CH
White	WE
Silver	SE
Mill Finish (original state of aluminium extrusions / profiles)	MF

GRADES OF STAINLESS STEEL

304

For coastal use. More resistant to corrosion.

430

For inland use only.

CONTENTS

H 28 Casement System	7
H 30.5 Casement System	15
H 34 Casement System	25
H 38 Casement System	31
Zenith Sliding Window	43
H Shopfront	51
Heavy Duty Slider	91
Sliding Folding Door	117
Patio Sliding Door System	123
Engineering	137
Powder Coating Colours	147
General Care & Maintenance Guideline	151
Our Services	161

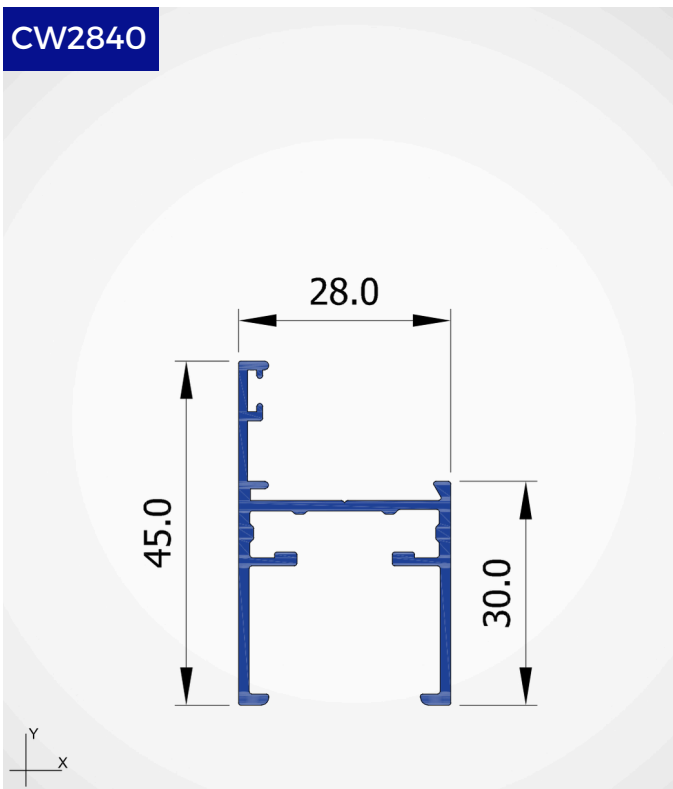


H 28 CASEMENT

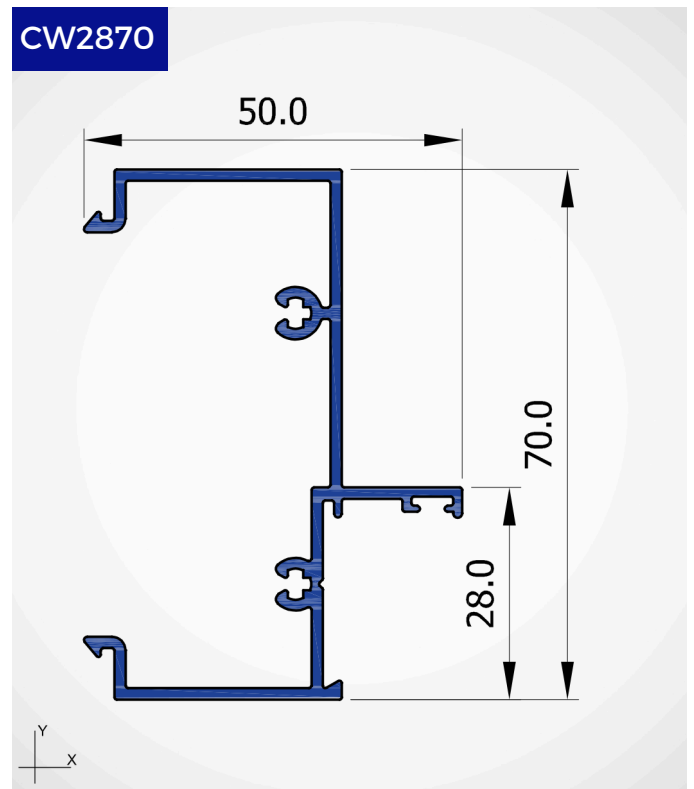
HERITAGE
BY H SYSTEMS

H 28 CASEMENT - FRAMES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW2840	EQUAL LEG FRAME	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW2870	CASEMENT FRAME 70MM	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW2880	STEEL REPLACEMENT FRAME	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW2816	UN-EQUAL LEG FRAME	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



CW2840
EQUAL LEG FRAME
 5.98m
 INERTIA: Ixx: 2.24 cm⁴ / Iyy: 2.37 cm⁴

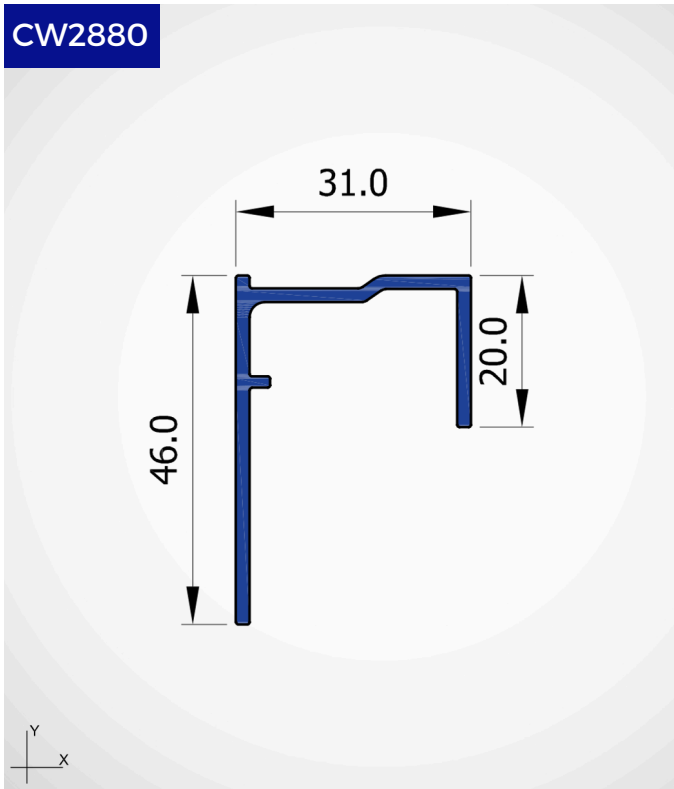


CW2870
CASEMENT FRAME 70MM
 6.50m
 INERTIA: Ixx: 18.56 cm⁴ / Iyy: 4.10 cm⁴

Scale: 1:1 A4

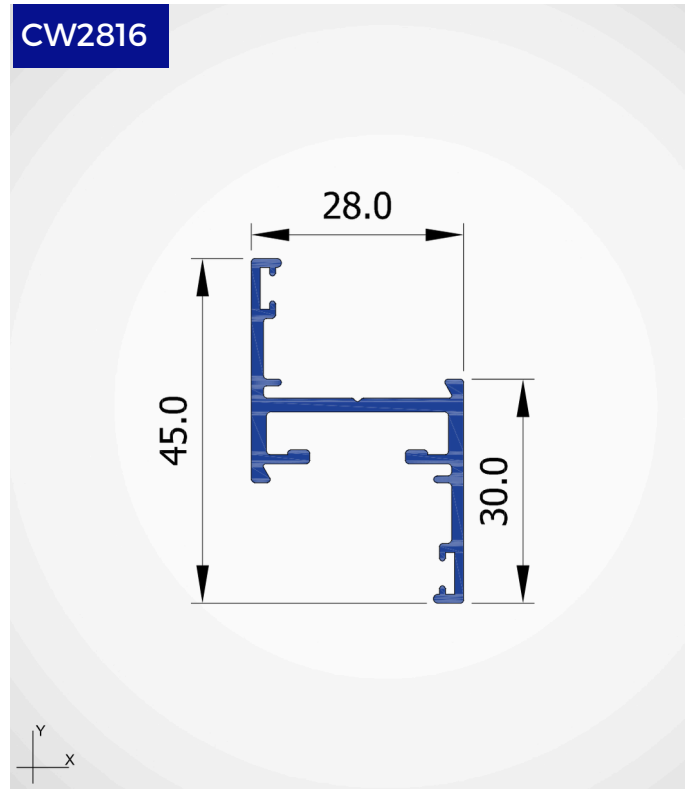
H 28 CASEMENT - FRAMES

CW2880



STEEL REPLACEMENT FRAME
5.98m
INERTIA: I_{xx}: 3.05 cm⁴ / I_{yy}: 2.60 cm⁴

CW2816

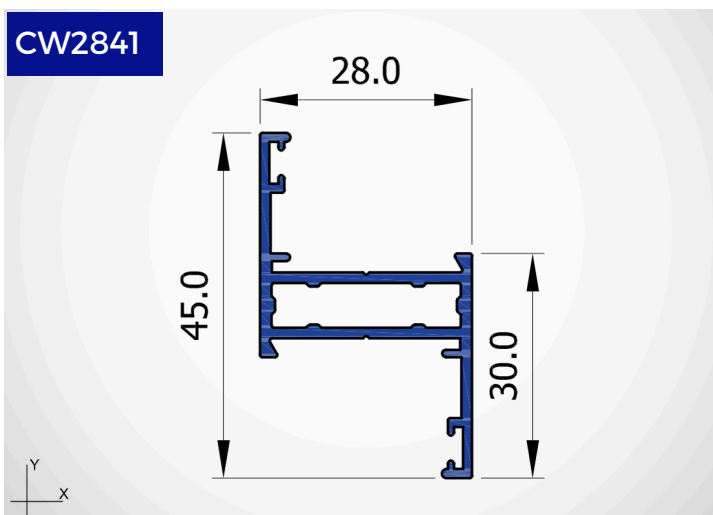


UN-EQUAL LEG FRAME
5.98m
INERTIA: I_{xx}: 1.71 cm⁴ / I_{yy}: 2.29 cm⁴

H 28 CASEMENT - SASH

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW2841	TUBULAR SASH	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

CW2841

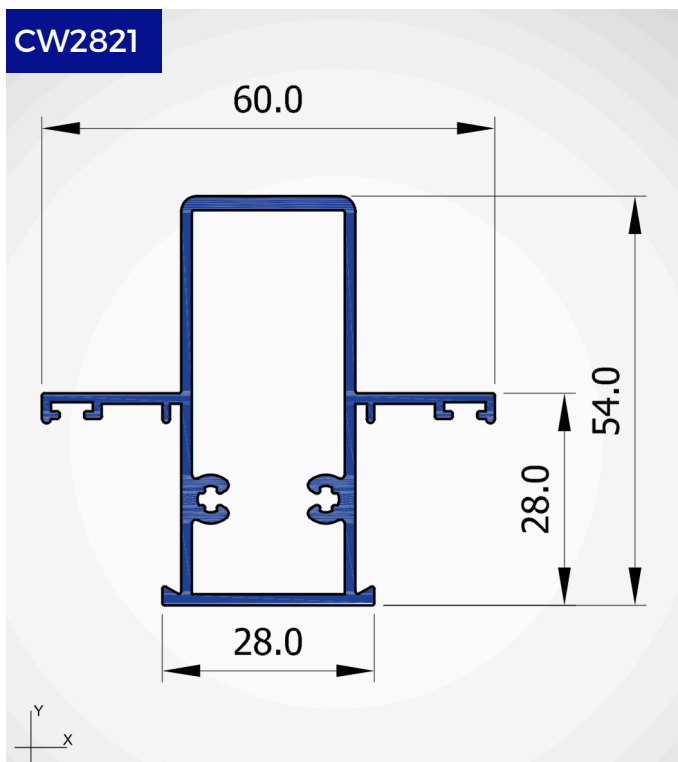


TUBULAR SASH
5.98m
INERTIA: I_{xx}: 1.69 cm⁴ / I_{yy}: 2.14 cm⁴

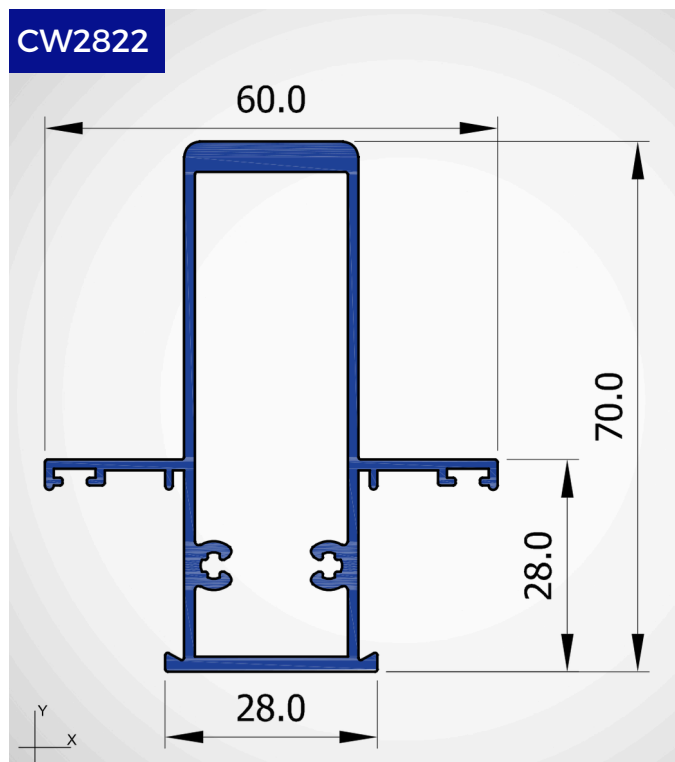
Scale: 1:1 A4

H 28 CASEMENT - MULLIONS

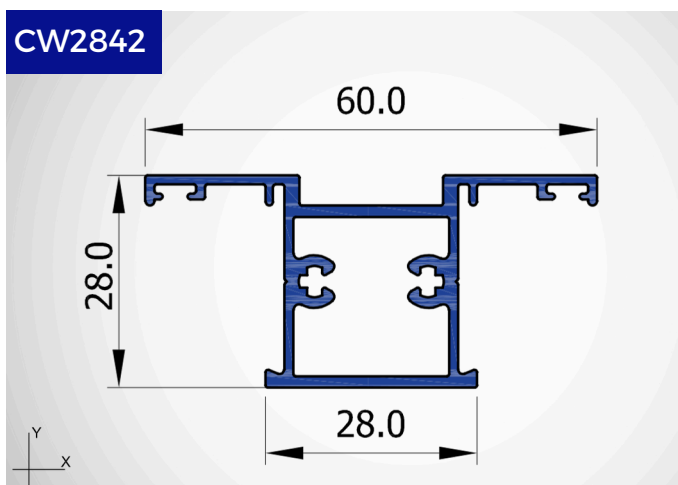
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW2842	MULLION	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW2821	MULLION 54MM	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW2822	MULLION 70MM	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



MULLION 54MM
5.98m
INERTIA: Ixx: 9.47 cm⁴ / Iyy: 5.73 cm⁴



MULLION 70MM
5.98m
INERTIA: Ixx: 25.52 cm⁴ / Iyy: 6.42 cm⁴

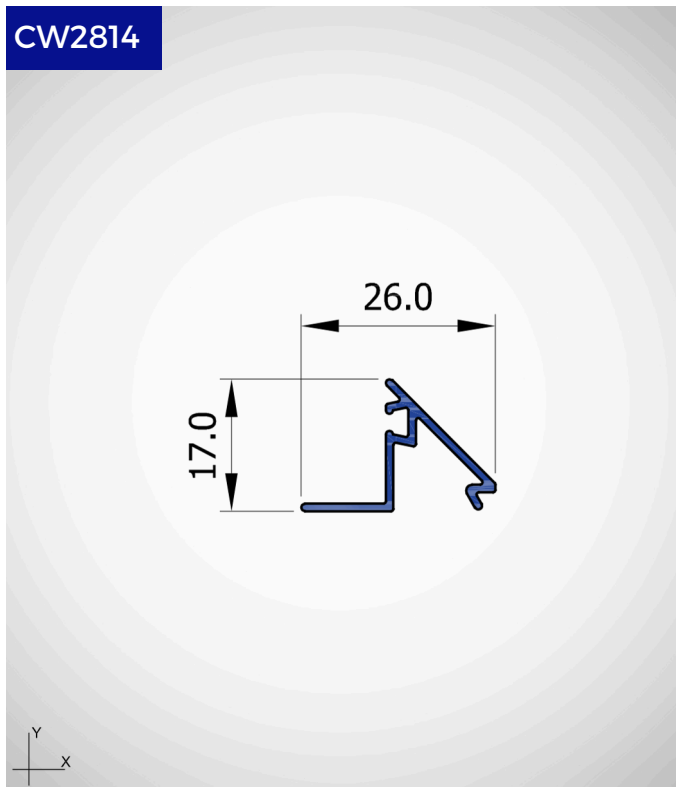


MULLION
5.98m
INERTIA: Ixx: 2.43 cm⁴ / Iyy: 4.68 cm⁴

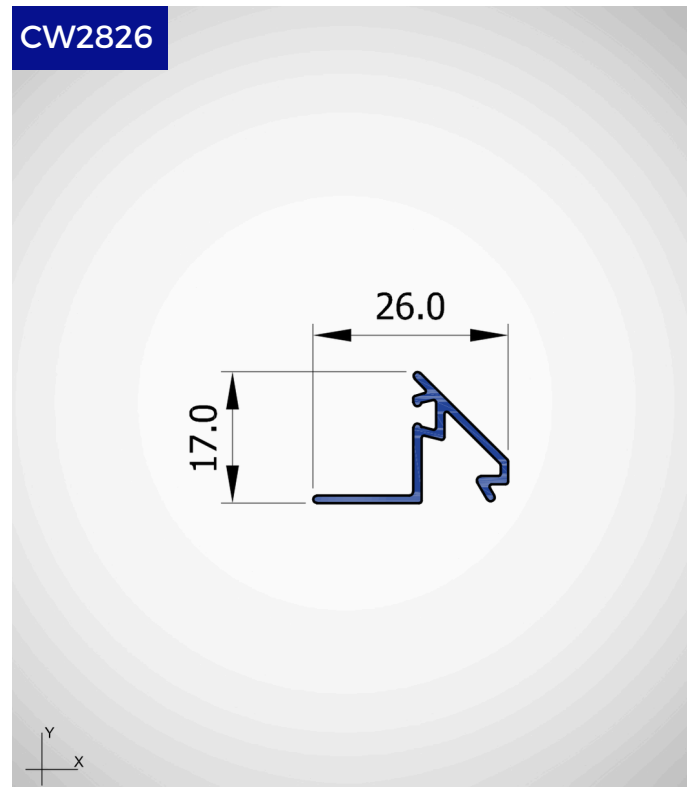
Scale: 1:1 A4

H 28 CASEMENT - BEADS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW2814	4MM GLAZING BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW2826	MULTI GLAZING BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



4MM GLAZING BEAD
 5.98m
 INERTIA: Ixx: 0.15 cm⁴/ Iyy: 0.22 cm⁴
 Glazing Cavity: 9.5mm



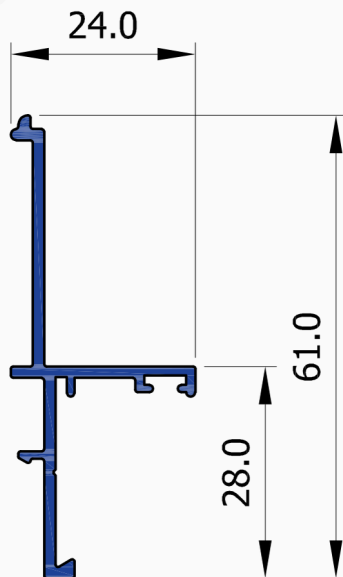
MULTI GLAZING BEAD
 5.98m
 INERTIA: Ixx: 0.16 cm⁴/ Iyy: 0.24 cm⁴
 Glazing Cavity: 11.6mm

Scale: 1:1 A4

H 28 CASEMENT - ADAPTOR

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44160	ADAPTOR SHOPFRONT 28 CASEMENT	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SF44160

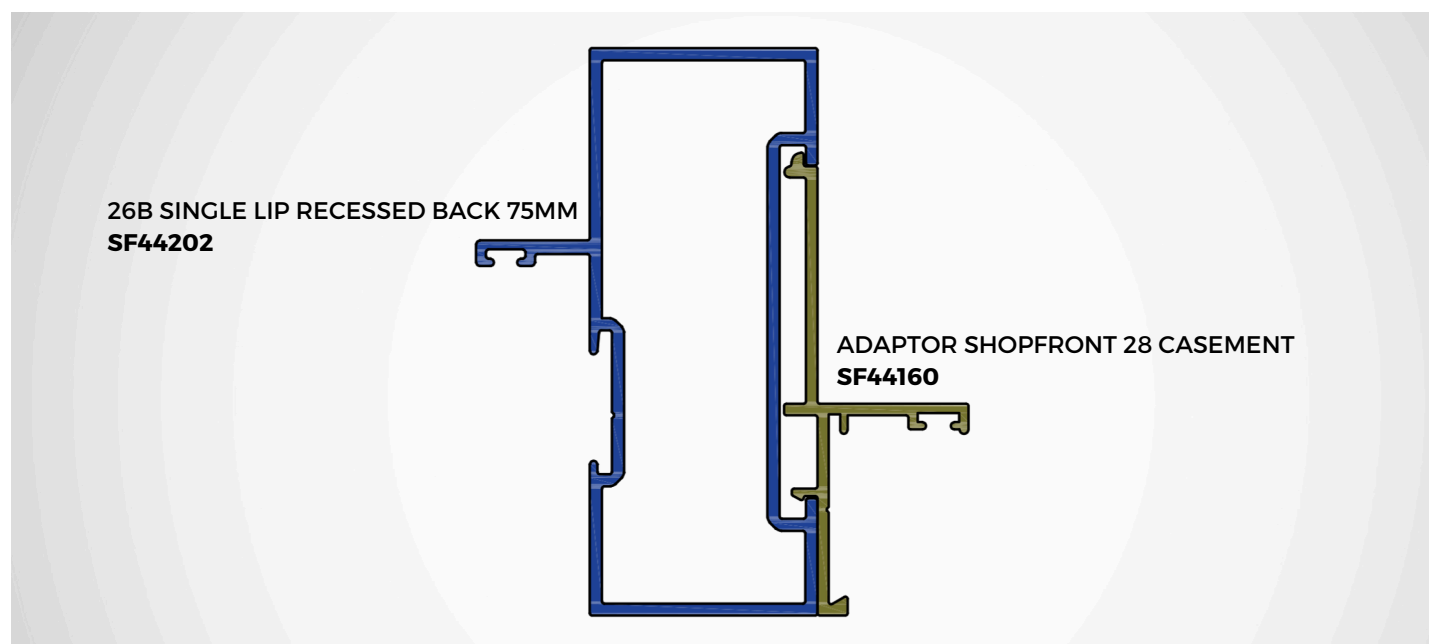


ADAPTOR SHOPFRONT 28 CASEMENT

6.50m

INERTIA: I_{xx} : 3.708 cm⁴ / I_{yy} : 0.481 cm⁴

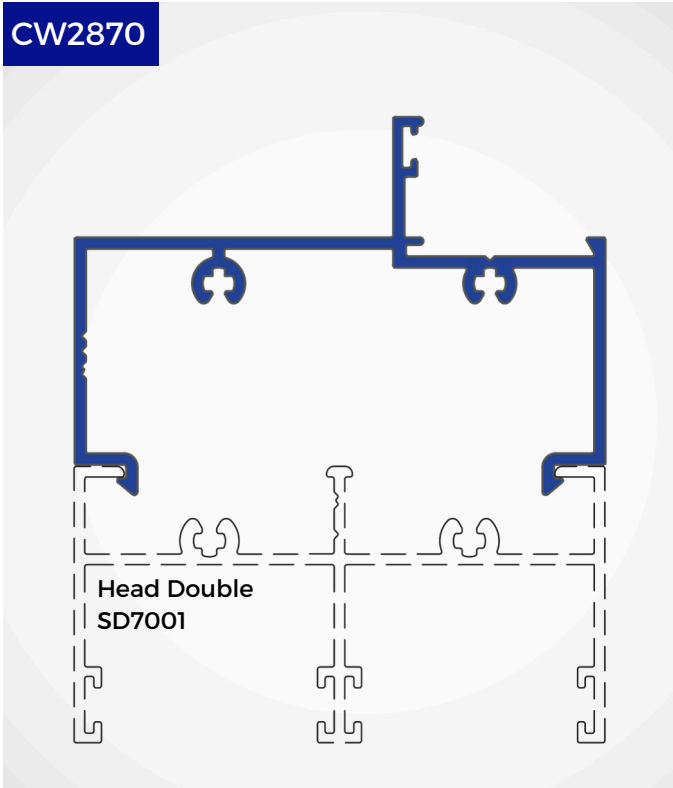
H 28 CASEMENT - ADAPTOR ASSEMBLY



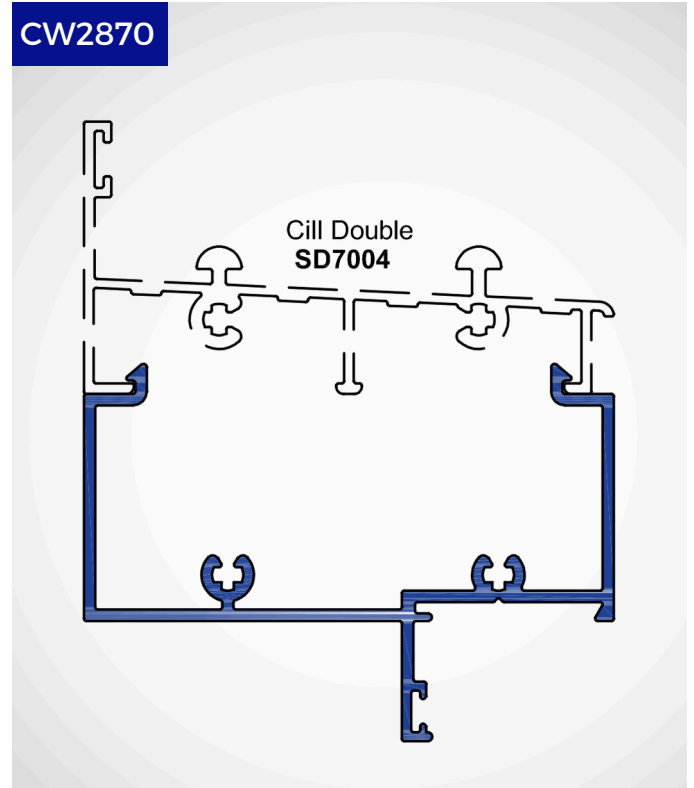
Scale: 1:1 A4

H 28 CASEMENT - ASSEMBLIES

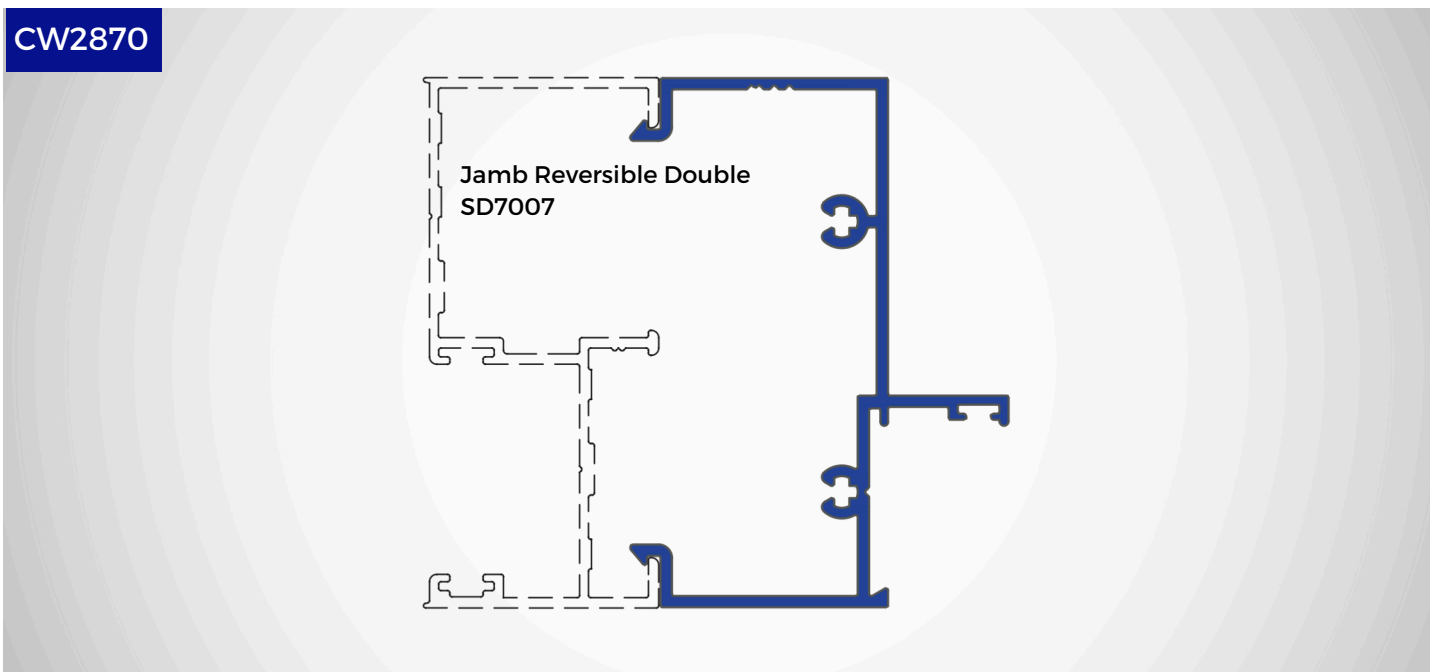
H 28 Casement sidelight frames to double patio slider.



CASEMENT FRAME 70MM
TOP LIGHT



CASEMENT FRAME 70MM
BOTTOM LIGHT



CASEMENT FRAME 70MM
SIDE LIGHT

Scale: 1:1 A4

TECHNICAL INFORMATION

DESCRIPTION & PURPOSE

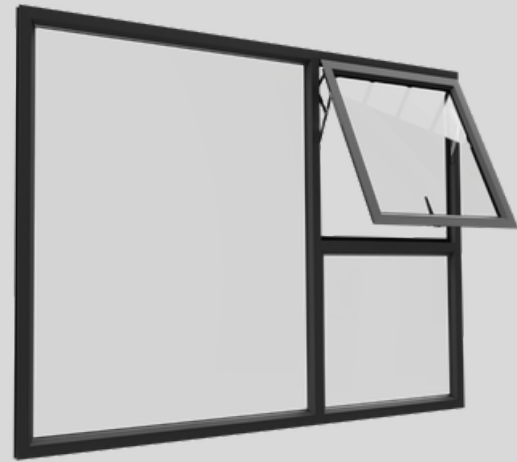
The H 28 Casement System is a popular choice in the South African market. It is a fixed panel and window system that is characterized by its frame width of 28mm, providing a slim and modern look to any building.

BENEFITS OF H 28 CASEMENT SYSTEM:

- Configuration: Various window configurations such as top or side hung are available.
- Customizable: Adaptors are available that enables the system to be integrated into a patio slider sidelight and Shopfront.
- Standard colours: H 28 Casement System material is stocked in mill finish, white, black, bronze, silver and charcoal.
- Special colours: A wide range of custom powder coating options are available, with a minimum lead time of 20 working days. Providing you with endless possibilities to bring your vision to life.

ADDITIONAL FEATURES

- A range of three mullions (28mm, 54mm and 70mm) are available to cater for larger window openings.
- The system can accommodate glazing from 4mm – 8.38mm glass.
- Designed to accommodate 13mm stack height friction stays.
- Various cost effective PVC Gaskets are available.
- The Santoprene Gasket Range can be requested as a special order.



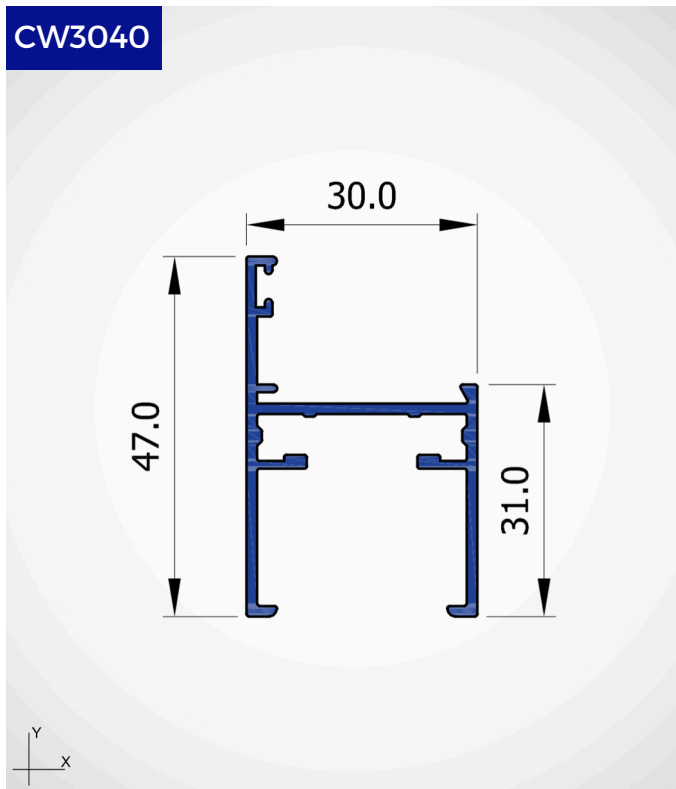


H 30.5 CASEMENT

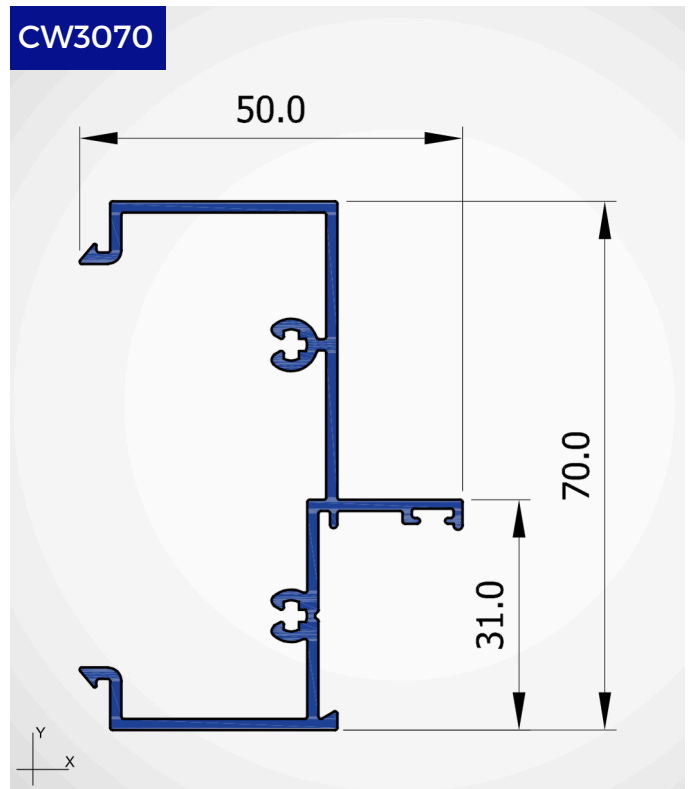
HERITAGE
BY H SYSTEMS

H 30.5 CASEMENT - FRAMES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3040	EQUAL LEG FRAME	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3070	CASEMENT FRAME 70MM	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



EQUAL LEG FRAME
5.98m
INERTIA: Ixx: 2.55 cm⁴ / Iyy: 2.96 cm⁴



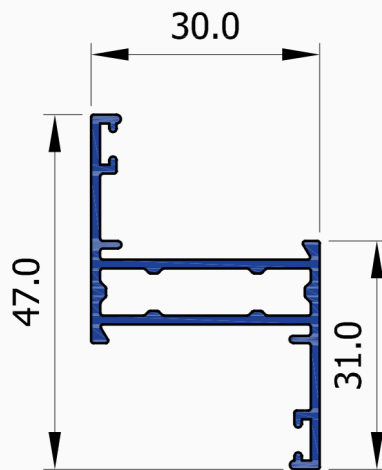
CASEMENT FRAME 70MM
6.50m
INERTIA: Ixx: 18.41 cm⁴ / Iyy: 4.11 cm⁴

Scale: 1:1 A4

H 30.5 CASEMENT - SASHES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3041	TUBULAR SASH	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

CW3041



TUBULAR SASH

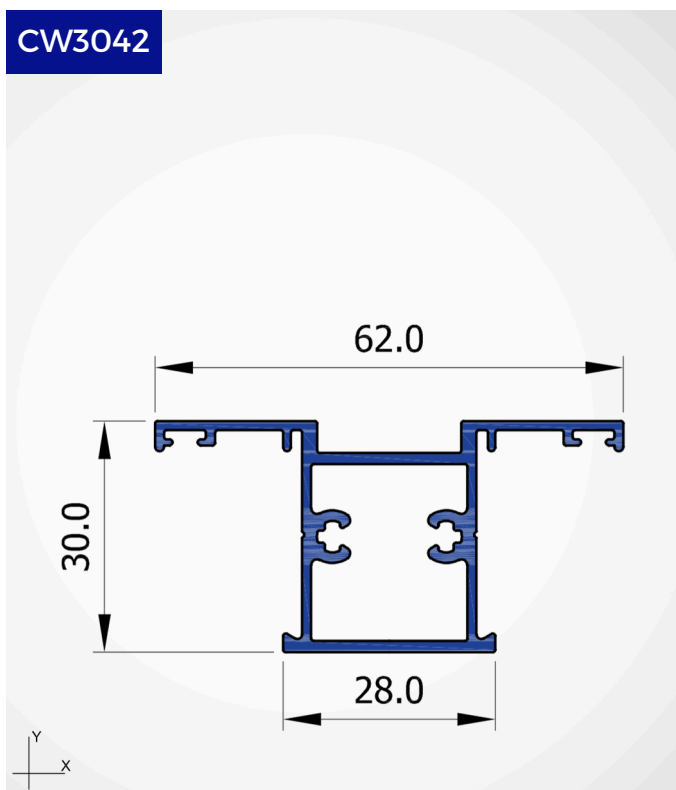
5.98m

INERTIA: I_{xx} : 1.93 cm⁴/ I_{yy} : 2.67 cm⁴

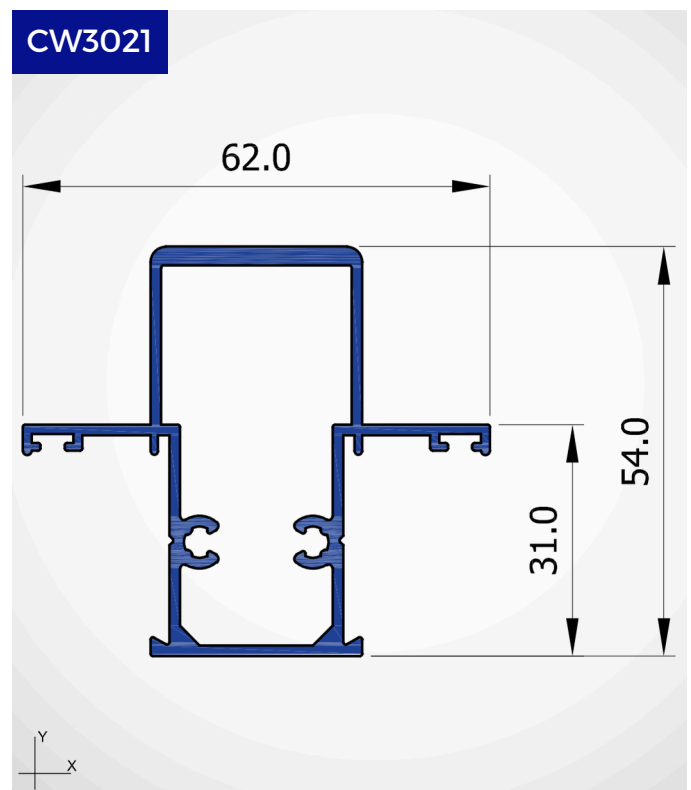
Scale: 1:1 A4

H 30.5 CASEMENT - MULLIONS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3042	MULLION	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3021	MULLION 54MM	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3022	MULLION 70MM	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3013	MULLION WITH DRIP	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



MULLION
5.98m
INERTIA: Ixx: 3.01 cm⁴ / Iyy: 5.04 cm⁴

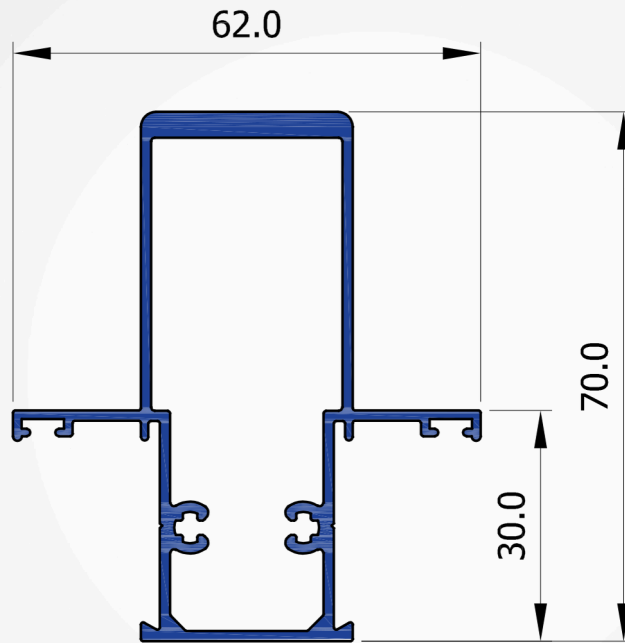


MULLION 54MM
5.98m
INERTIA: Ixx: 11.34 cm⁴ / Iyy: 6.67 cm⁴

Scale: 1:1 A4

H 30.5 CASEMENT - MULLIONS

CW3022

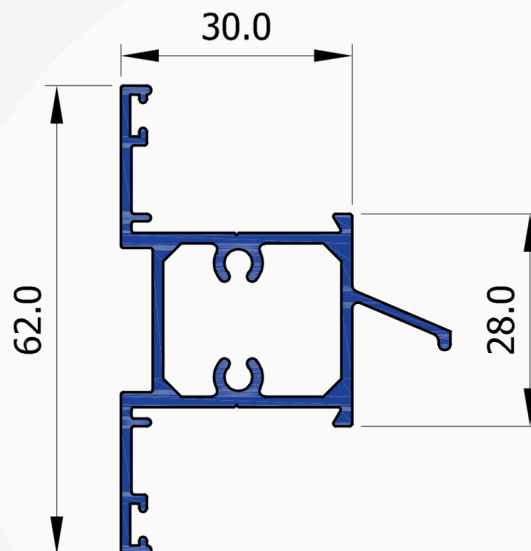


MULLION 70MM

5.98m

INERTIA: I_{xx} : 24.55 cm⁴ / I_{yy} : 7.61 cm⁴

CW3013



MULLION WITH DRIP

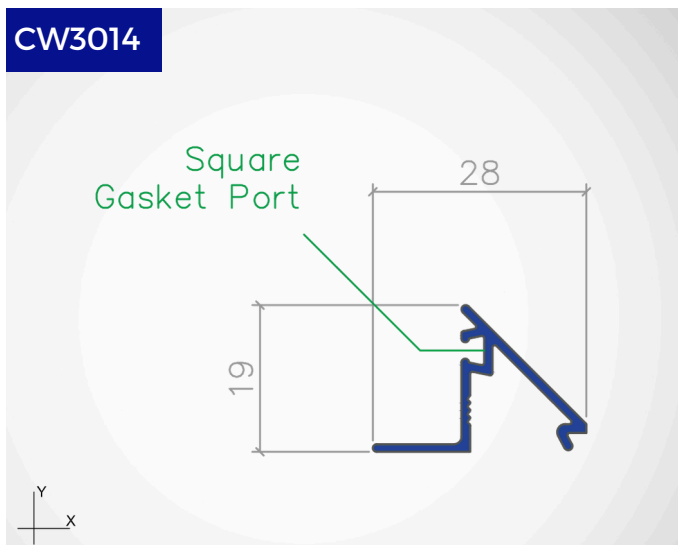
5.98m

INERTIA: I_{xx} : 5.39 cm⁴ / I_{yy} : 4.40 cm⁴

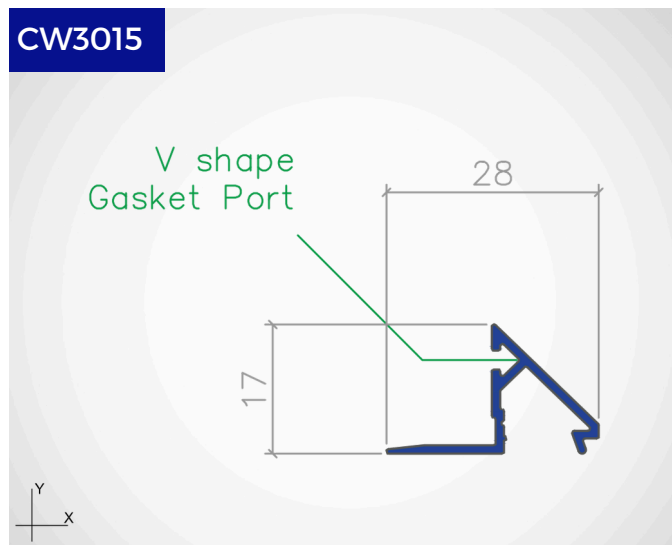
Scale: 1:1 A4

H 30.5 CASEMENT - BEADS

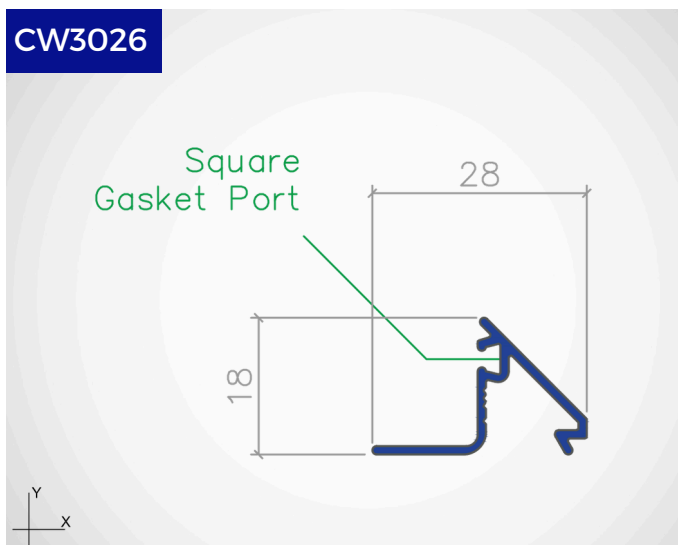
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3014	4MM GLAZING BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3015	6MM GLAZING BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3026	MULTI GLAZING BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



CW3014
4MM GLAZING BEAD
 5.98m
 INERTIA: Ixx: 0.22 cm⁴/ Iyy: 0.31 cm⁴
 Glazing Cavity: 10mm



CW3015
6MM GLAZING BEAD
 5.98m
 INERTIA: Ixx: 0.15 cm⁴/ Iyy: 0.27 cm⁴
 Glazing Cavity: 12mm



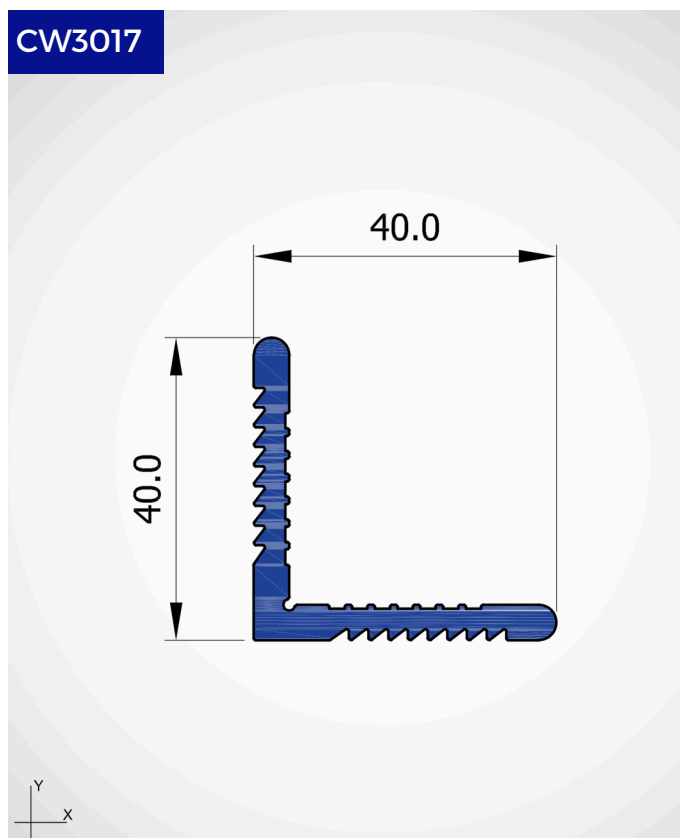
CW3026
MULTI GLAZING BEAD
 5.98m
 INERTIA: Ixx: 0.18 cm⁴/ Iyy: 0.32 cm⁴
 Glazing Cavity: 12.4mm

Scale: 1:1 A4

H 30.5 CASEMENT - CORNER CLEATS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3017	CORNER CLEAT OSBORN	5.98	MF	-
CW3024	CORNER CLEAT 50	5.98	MF	-

CW3017

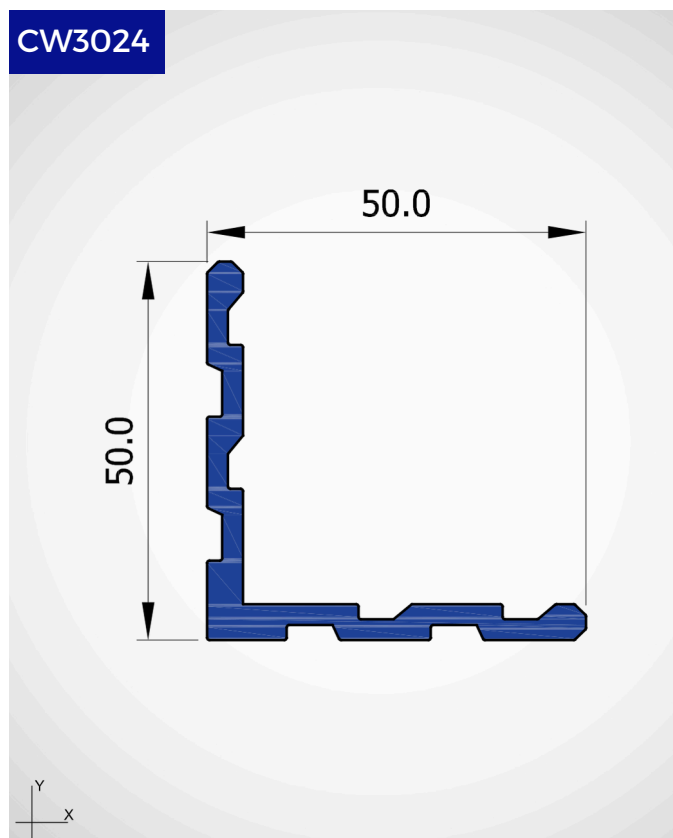


CORNER CLEAT OSBORN

5.98m

INERTIA: Ixx: 6.96 cm⁴ / Iyy: 19.64 cm⁴

CW3024



CORNER CLEAT 50

5.98m

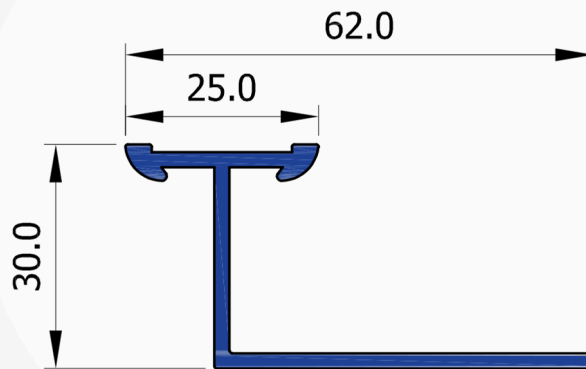
INERTIA: Ixx: 12.98 cm⁴ / Iyy: 3.60 cm⁴

Scale: 1:1 A4

H 30.5 CASEMENT - FIXING LUGS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3027	FIXING LUG ANGLE TWIST IN	5.98	MF	-
CW3028	FIXING LUG MULTI	5.98	MF	-

CW3027

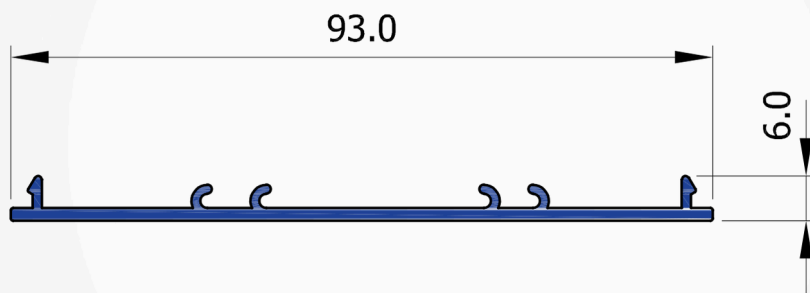


FIXING LUG ANGLE TWIST IN

5.98m

INERTIA: I_{xx} : 7.27 cm⁴ / I_{yy} : 13.64 cm⁴

CW3028



FIXING LUG MULTI

5.98m

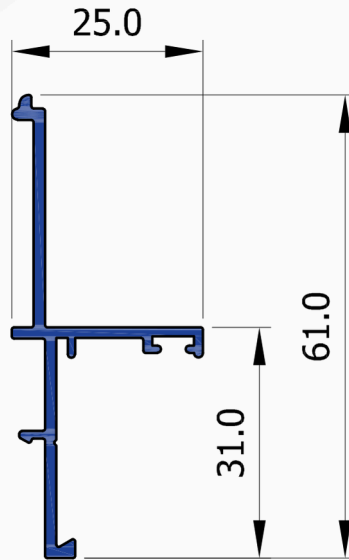
INERTIA: I_{xx} : 14.01 cm⁴ / I_{yy} : 0.025 cm⁴

Scale: 1:1 A4

H 30.5 CASEMENT - ADAPTOR

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44161	ADAPTOR SHOPFRONT 30.5 CASEMENT	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SF44161

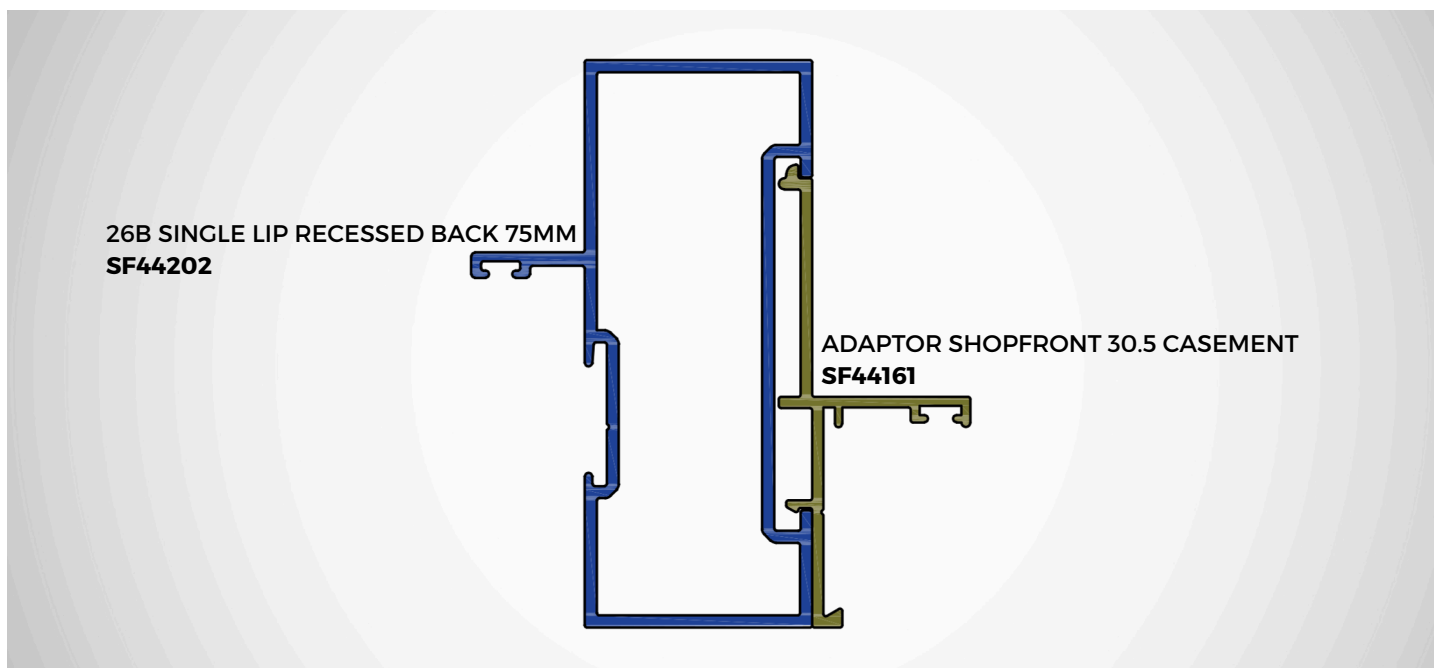


ADAPTOR SHOPFRONT 30.5 CASEMENT

6.50m

INERTIA: I_{xx} : 3.684 cm⁴ / I_{yy} : 0.538 cm⁴

H 30.5 CASEMENT - ADAPTOR ASSEMBLY



Scale: 1:1 A4

TECHNICAL INFORMATION

DESCRIPTION & PURPOSE

The H 30.5 Casement System is a type of fixed panel and window system that has a 30.5mm width. It is commonly included in the broad category of aluminium window products available in South Africa, and is particularly popular for residential applications.

BENEFITS OF H 30.5 CASEMENT SYSTEM:

- Configuration: Various window configurations such as top or side hung are available.
- Customizable: Adaptors are available that enables the system to be integrated into a patio slider sidelight and Shopfront.
- Standard colours: H 30.5 Casement System material is stocked in mill finish, white, black, bronze, silver and charcoal.
- Special colours: A wide range of custom powder coating options are available, with a minimum lead time of 20 working days. Providing you with endless possibilities to bring your vision to life.

ADDITIONAL FEATURES

- A range of three mullions (30.5mm, 54mm and 70mm) are available to cater for larger window openings.
- The system can accommodate glazing from 4mm – 8.38mm glass.
- Designed to accommodate 13mm stack height friction stays..
- A drip transom profile is available to prevent water from dripping onto the glazing.
- Various cost effective PVC Gaskets are available.
- The Santoprene Gasket Range can be requested as a special order.





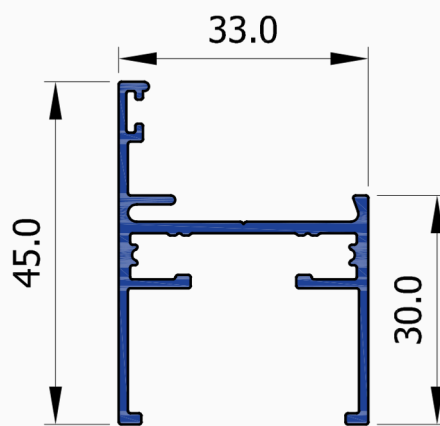
H 34 CASEMENT

HERITAGE
BY H SYSTEMS

H 34 CASEMENT - FRAMES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SCW3440	EQUALLEG FRAME	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SCW3440



EQUAL LEG FRAME

5.98m

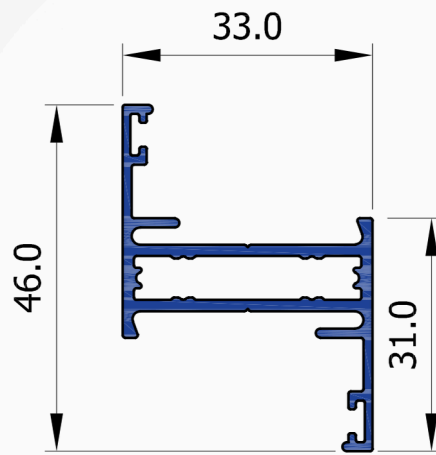
INERTIA: I_{xx} : 2.05 cm⁴ / I_{yy} : 3.38 cm⁴

Scale: 1:1 A4

H 34 CASEMENT - SASHES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SCW3441	TUBULAR SASH	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SCW3441



TUBULAR SASH

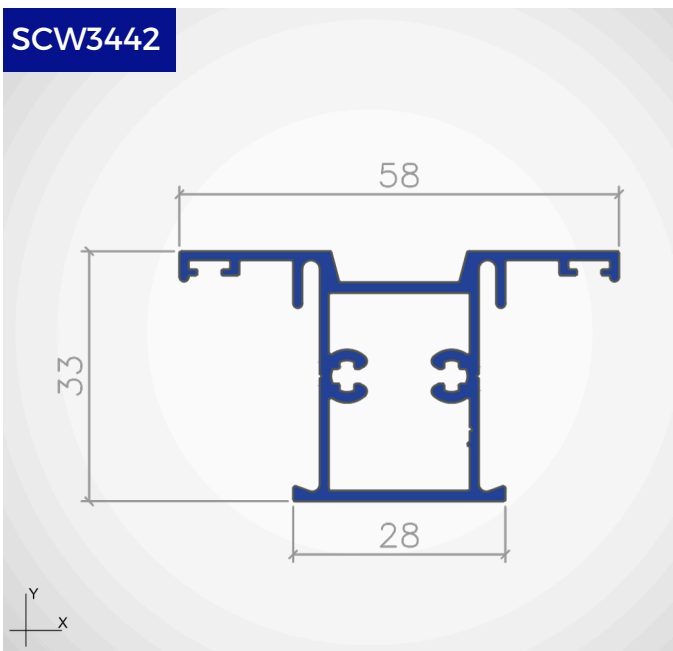
5.98m

INERTIA: Ixx: 1.74 cm⁴ / Iyy: 3.34 cm⁴

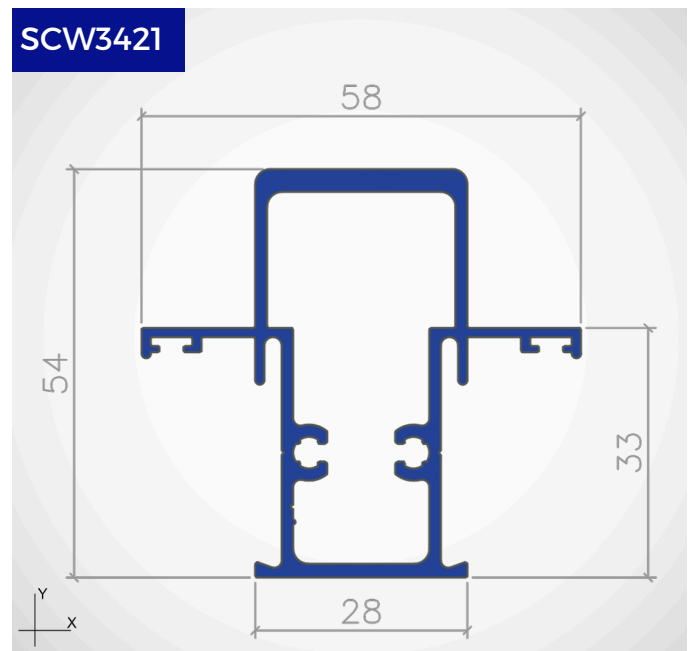
Scale: 1:1 A4

H 34 CASEMENT - MULLIONS

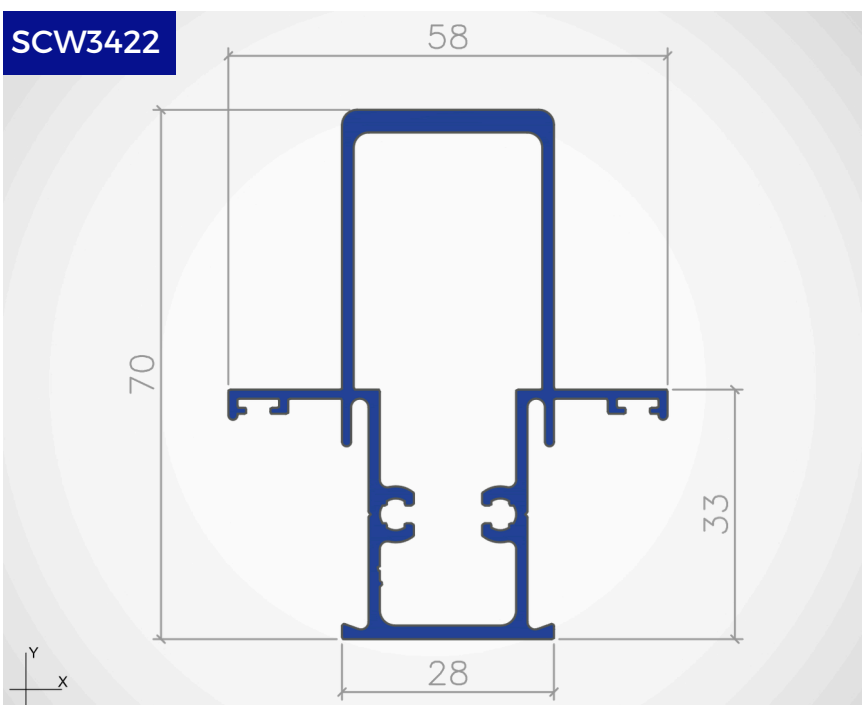
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SCW3442	MULLION	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SCW3421	MULLION 54MM	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SCW3422	MULLION 70MM	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



MULLION
5.98m
INERTIA: Ixx: 3.50 cm⁴ / Iyy: 4.45 cm⁴



MULLION 54MM
5.98m
INERTIA: Ixx: 12.37 cm⁴ / Iyy: 6.02 cm⁴

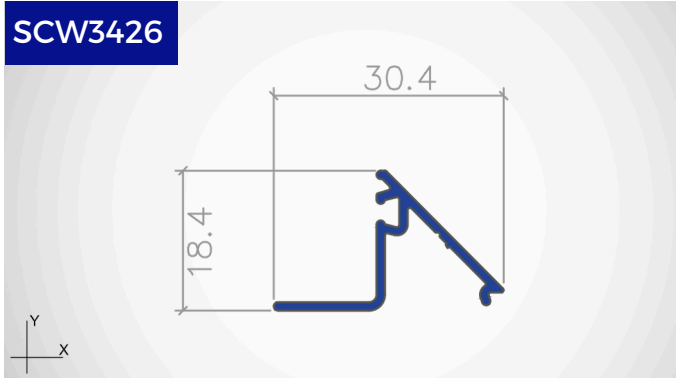


MULLION 70MM
5.98m
INERTIA: Ixx: 23.07 cm⁴ / Iyy: 6.89 cm⁴

Scale: 1:1 A4

H 34 CASEMENT - BEADS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SCW3426	MULTI GLAZING BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SCW3464	DOUBLE GLAZING BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

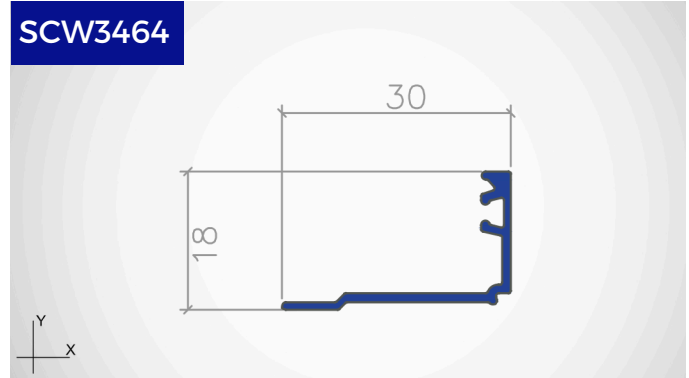


MULTI GLAZING BEAD

5.98m

INERTIA: I_{xx} : 0.20 cm⁴ / I_{yy} : 0.33 cm⁴

Glazing Cavity: 12.2mm



DOUBLE GLAZING BEAD

5.98m

INERTIA: I_{xx} : 0.17 cm⁴ / I_{yy} : 0.40 cm⁴

Glazing Cavity: 25.6mm

Scale: 1:1 A4

TECHNICAL INFORMATION

DESCRIPTION & PURPOSE

The H 34 Casement System is a widely-used 34mm fixed panel and window system that is an integral part of the generic aluminium window market in South Africa. It is particularly popular for residential and light commercial projects due to its high quality construction and versatile design.

BENEFITS OF H 34 CASEMENT SYSTEM:

- Configuration: Various window configurations such as top or side hung are available.
- Customizable: Adaptors are available that enables the system to be integrated into a Shopfront.
- Standard colours: H 34 Casement System material is stocked in mill finish, white, black, bronze, silver and charcoal.
- Special colours: A wide range of custom powder coating options are available, with a minimum lead time of 20 working days. Providing you with endless possibilities to bring your vision to life.

ADDITIONAL FEATURES

- A range of three mullions (34mm, 54mm and 70mm) are available to cater for larger window openings.
- The system can accommodate glazing from 4mm – 21mm glass.
- Designed to accommodate 13mm Friction Stays.
- Allows for double glazing up to 21mm.
- Various cost effective PVC Gaskets are available.
- The Santoprene Gasket Range can be requested as a special order.



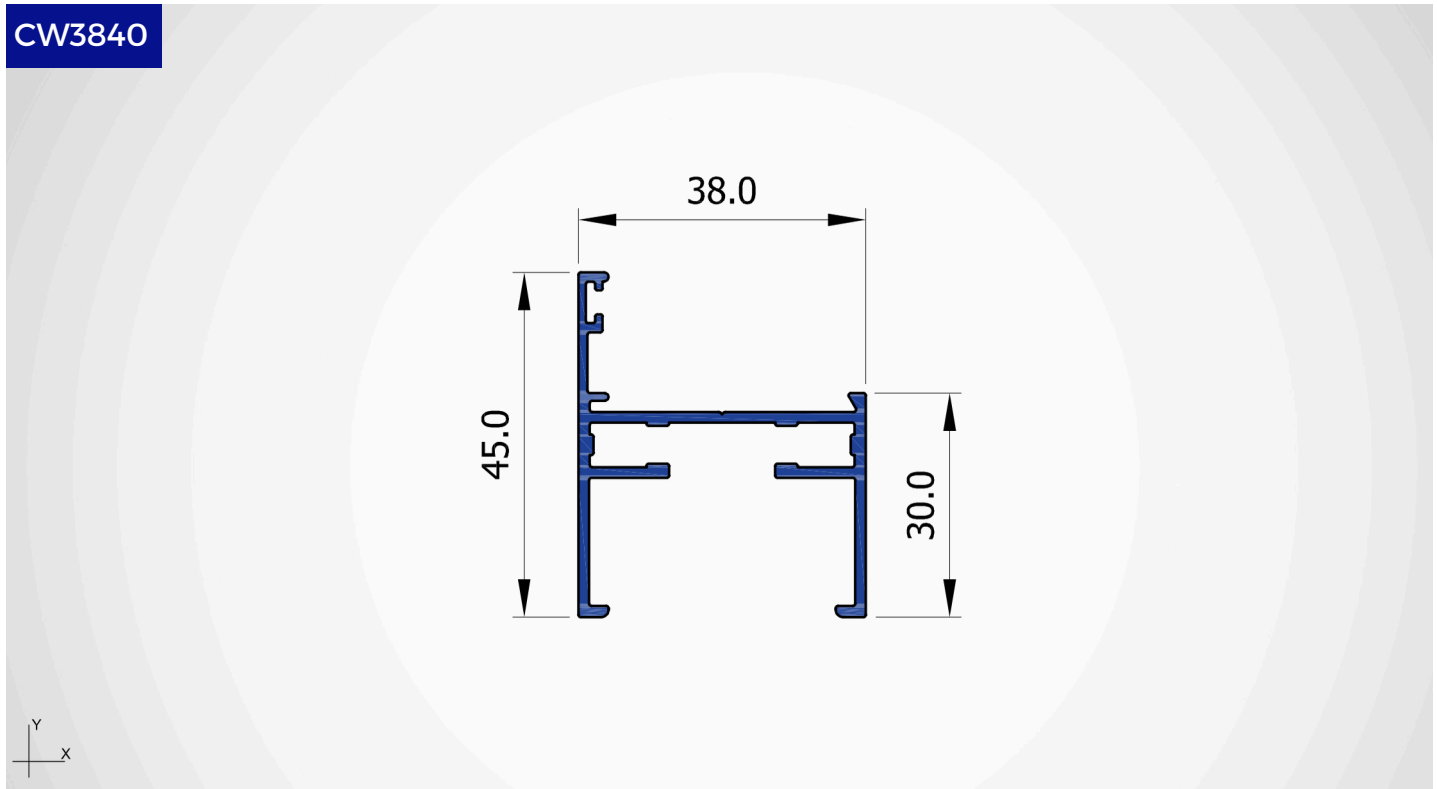


H 38 CASEMENT

HERITAGE
BY H SYSTEMS

H 38 CASEMENT - FRAMES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3840	EQUAL LEG FRAME	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

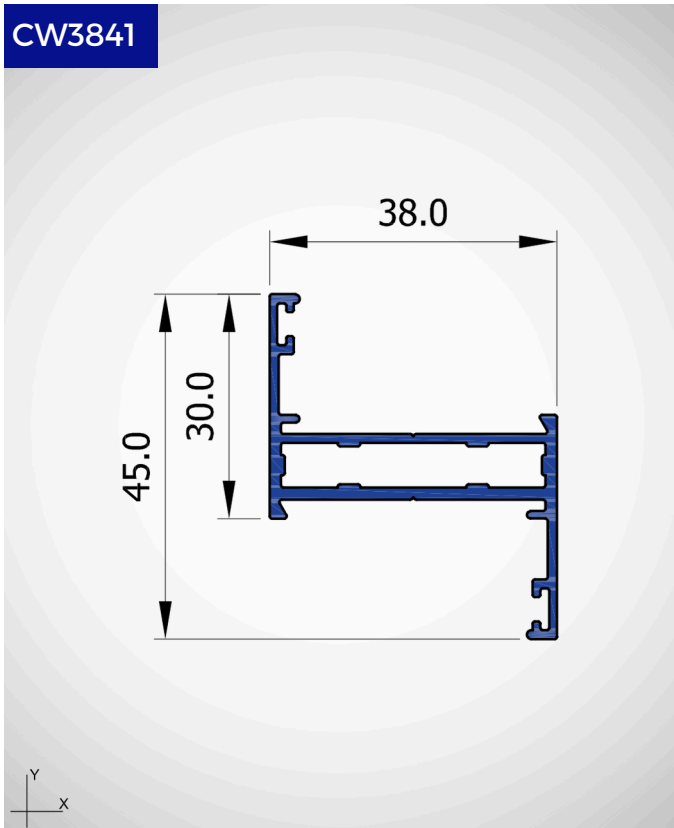


EQUAL LEG FRAME
 5.98m
 INERTIA: I_{xx} : 2.27 cm⁴ / I_{yy} : 4.92 cm⁴

Scale: 1:1 A4

H 38 CASEMENT - SASHES

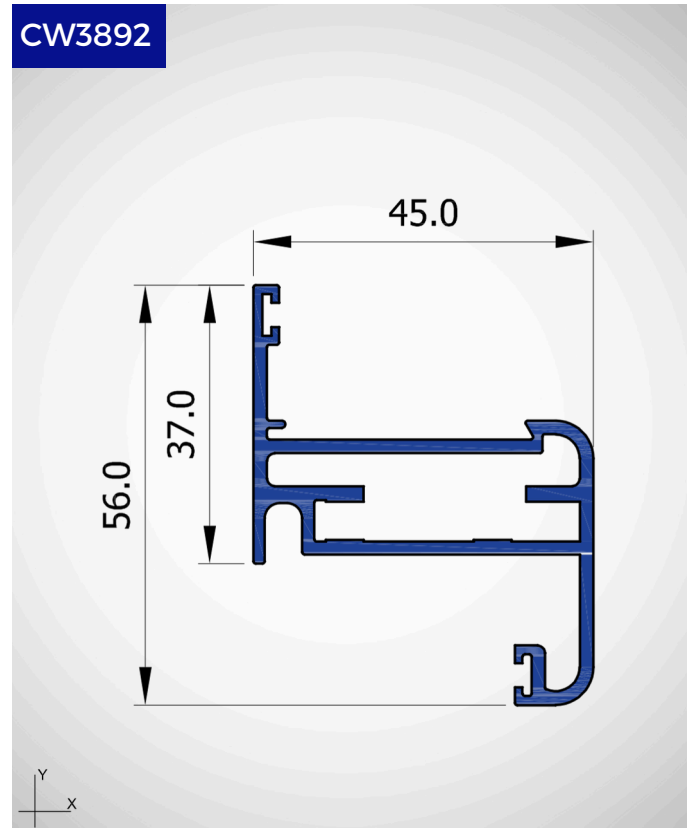
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3841	TUBULAR SASH	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3892	HEAVY DUTY SASH	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



TUBULAR SASH

5.98m

INERTIA: Ixx: 1.65 cm⁴ / Iyy: 4.30 cm⁴



HEAVY DUTY SASH

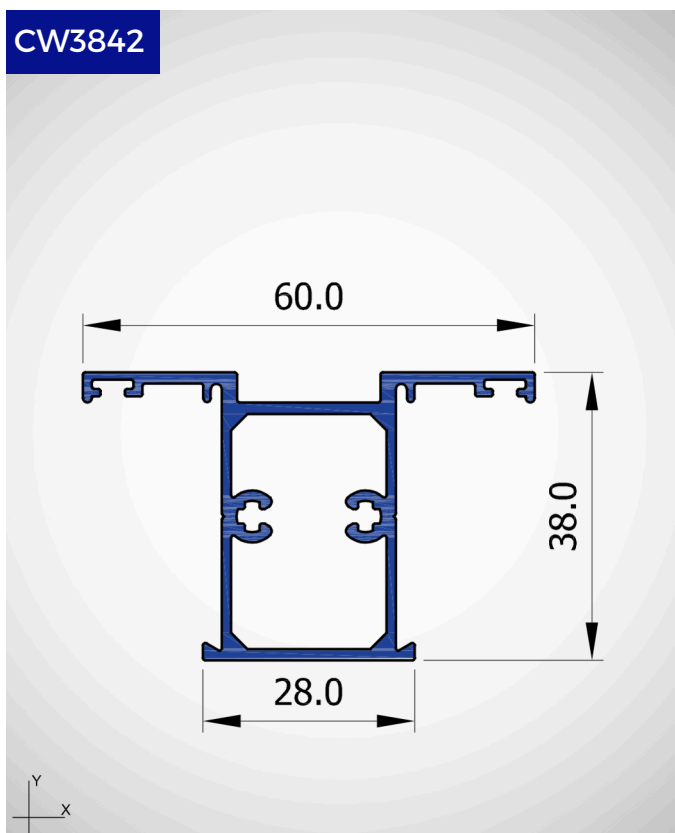
5.98m

INERTIA: Ixx: 5.06 cm⁴ / Iyy: 9.97 cm⁴

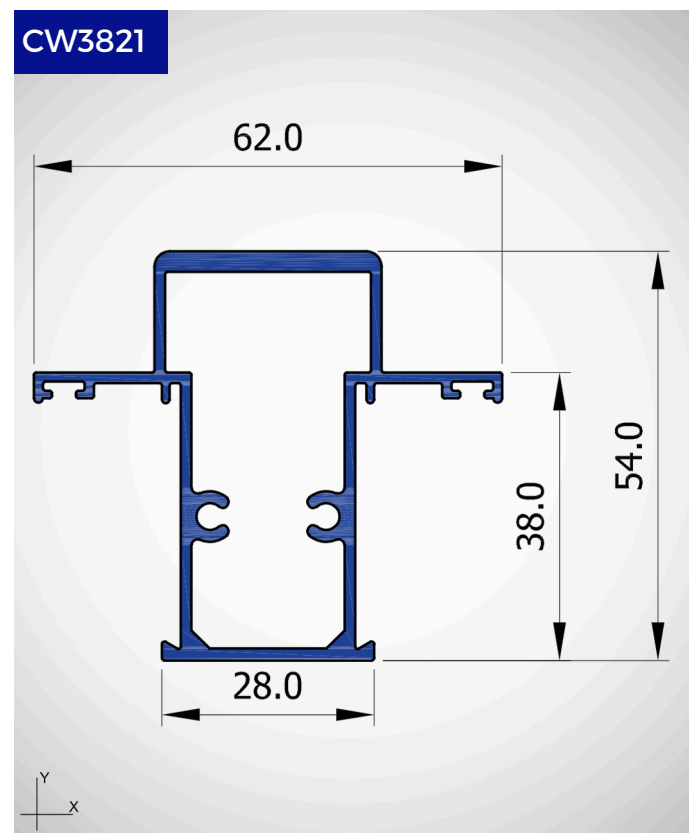
Scale: 1:1 A4

H 38 CASEMENT - MULLIONS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3842	MULLION	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3821	MULLION 54MM	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3822	MULLION 76MM	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3823	MULLION 100MM	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



MULLION
5.98m
INERTIA: Ixx: 5.27 cm⁴ / Iyy: 5.10 cm⁴

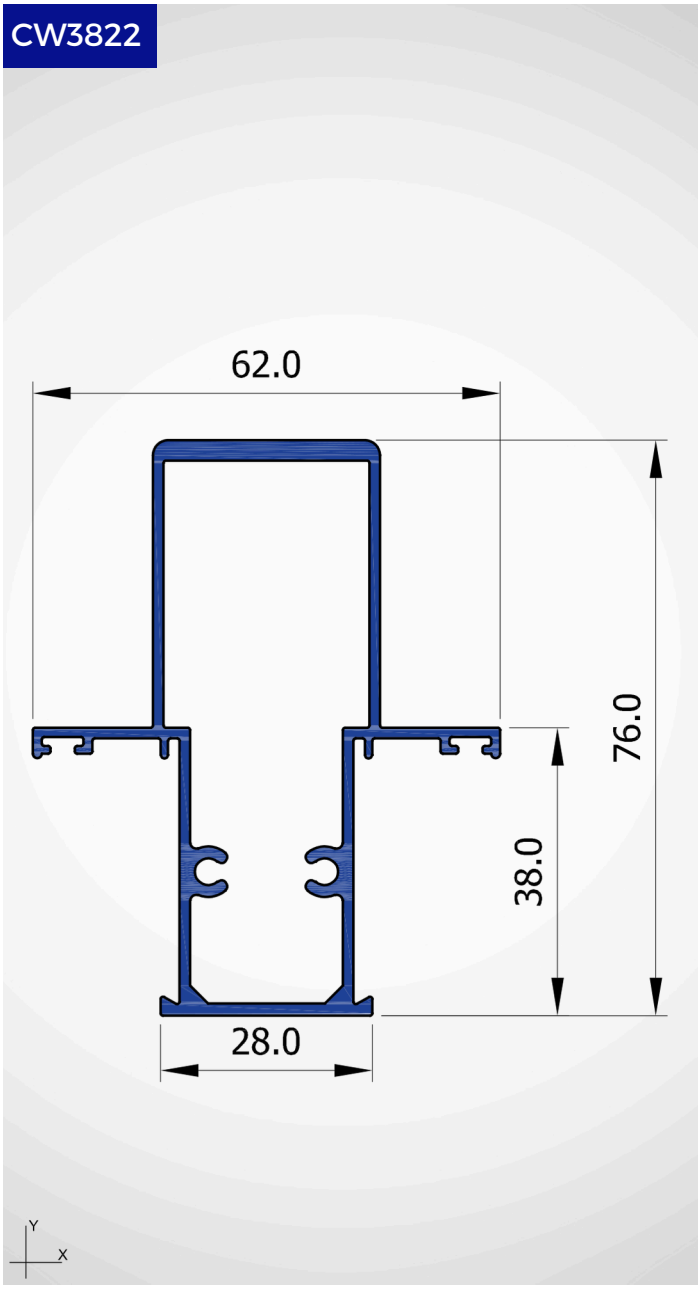


MULLION 54MM
5.98m
INERTIA: Ixx: 12.28 cm⁴ / Iyy: 6.84 cm⁴

Scale: 1:1 A4

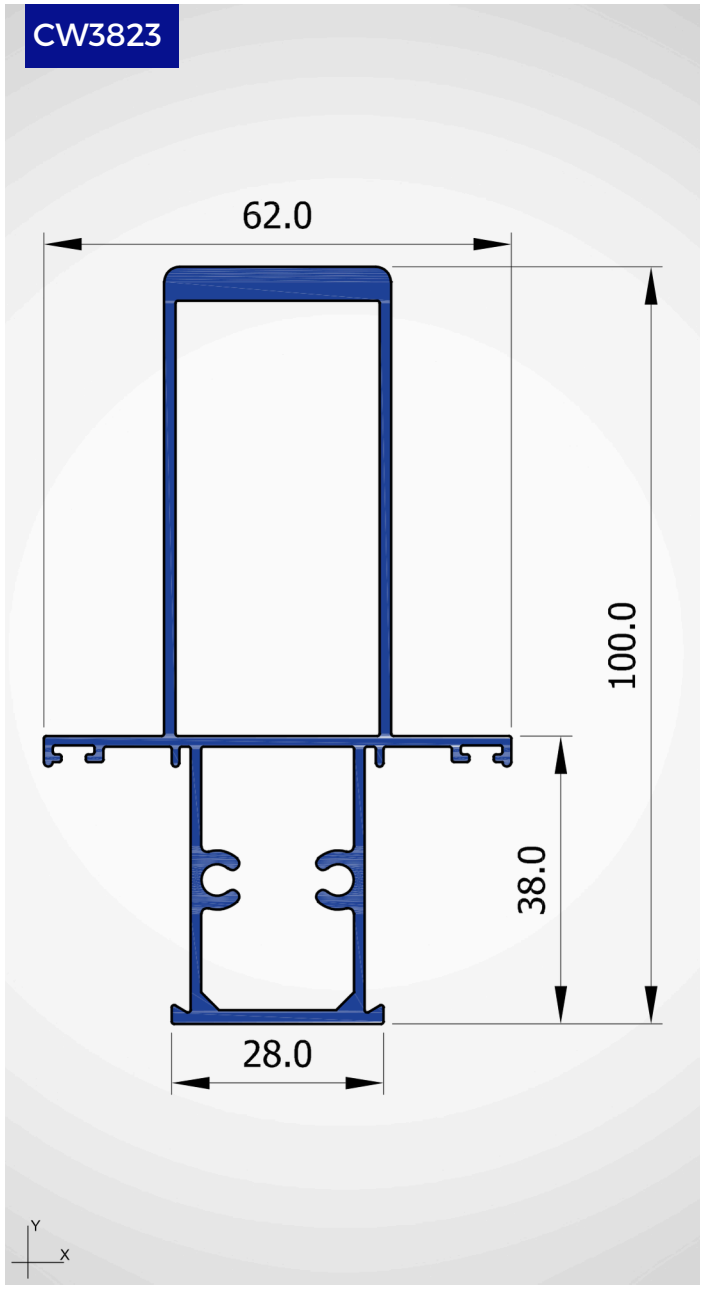
H 38 CASEMENT - MULLIONS

CW3822



MULLION 76MM
 5.98m
 INERTIA: Ixx: 27.74 cm⁴ / Iyy: 8.10 cm⁴

CW3823



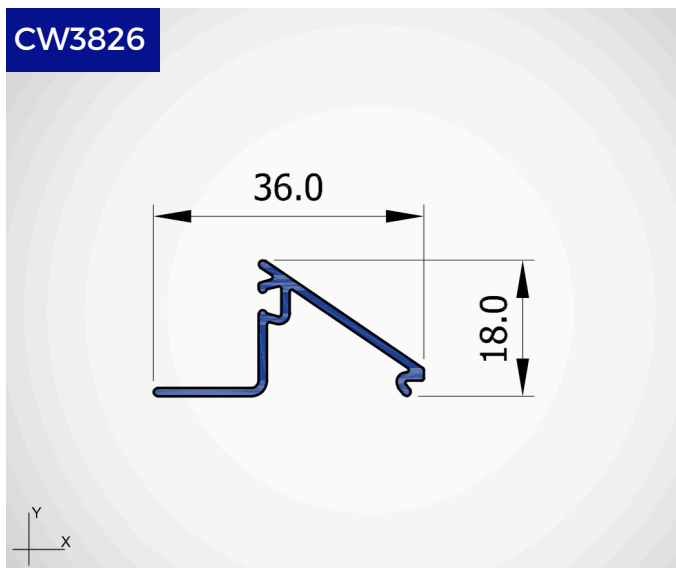
MULLION 100MM
 5.98m
 INERTIA: Ixx: 69.34 cm⁴ / Iyy: 10.10 cm⁴

Scale: 1:1 A4

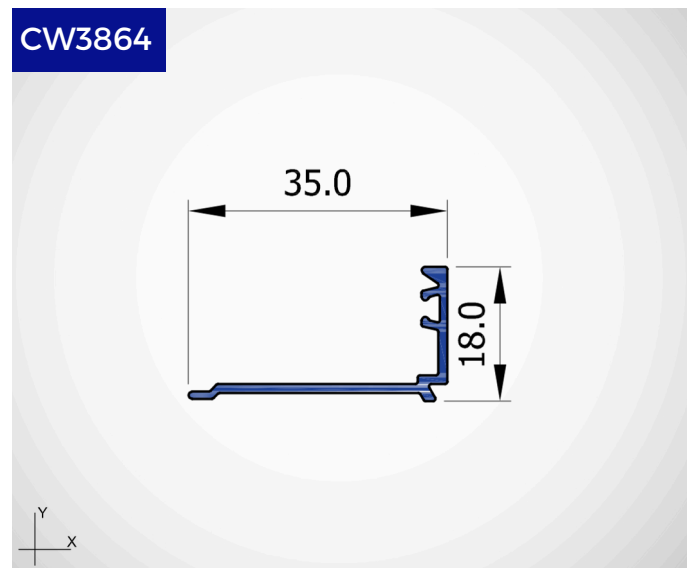


H 38 CASEMENT - BEADS

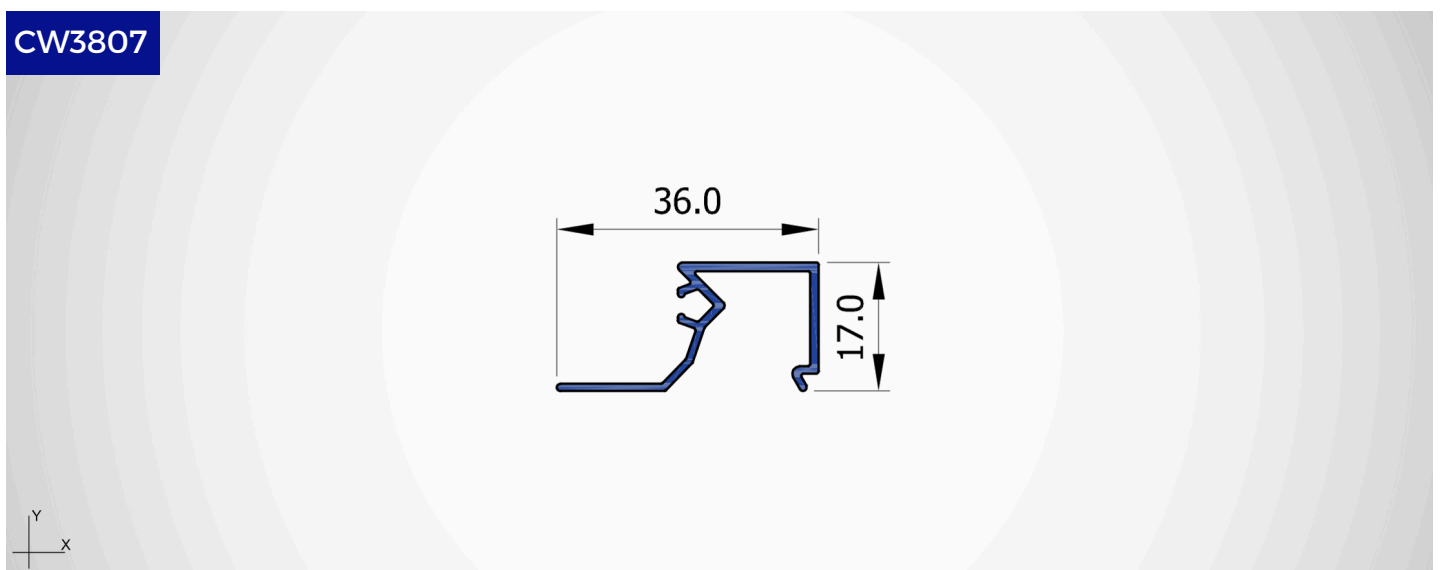
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3826	MULTI GLAZING BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3864	DOUBLE GLAZING BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3807	SQUARE GLAZING BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



MULTI GLAZING BEAD
5.98m
INERTIA: I_{xx} : 0.21 cm⁴ / I_{yy} : 0.61 cm⁴
Glazing Cavity: 12.2mm



DOUBLE GLAZING BEAD
5.98m
INERTIA: I_{xx} : 0.22 cm⁴ / I_{yy} : 0.85 cm⁴
Glazing Cavity: 30.5mm



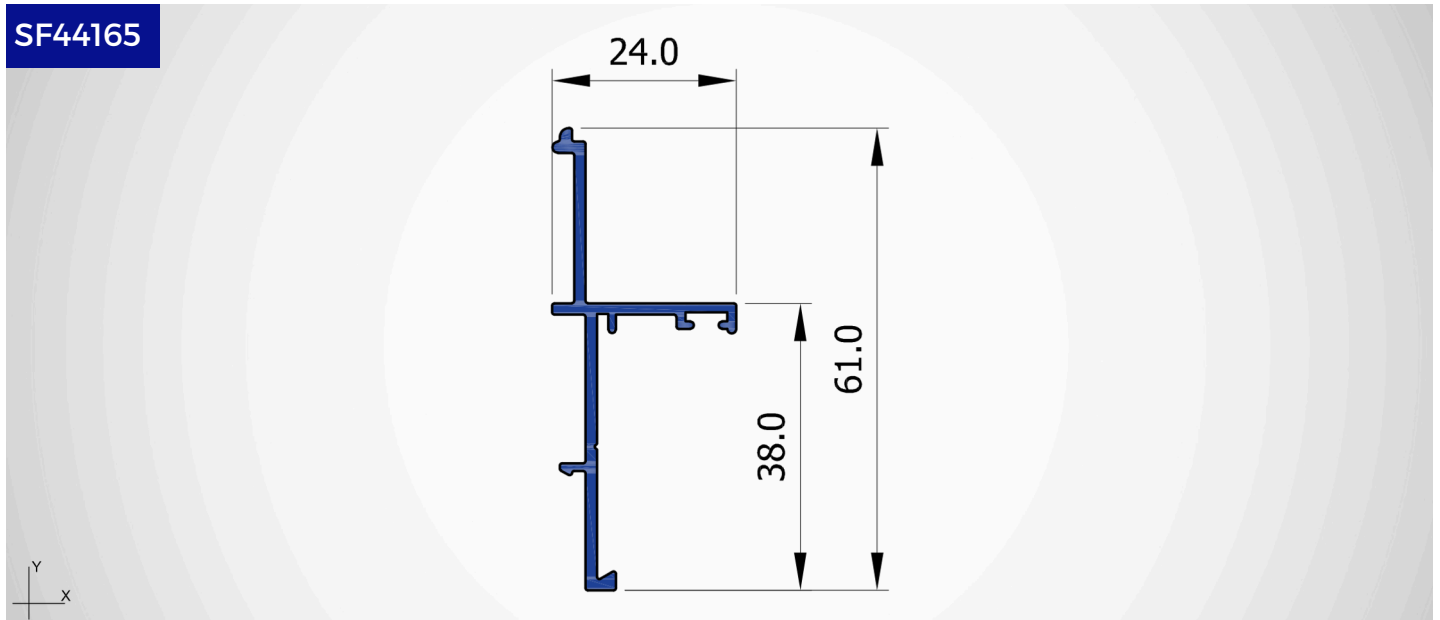
SQUARE GLAZING BEAD
5.98m
INERTIA: I_{xx} : 0.34 cm⁴ / I_{yy} : 0.80 cm⁴
Glazing Cavity: 14.9mm

Scale: 1:1 A4

H 38 CASEMENT - ADAPTOR

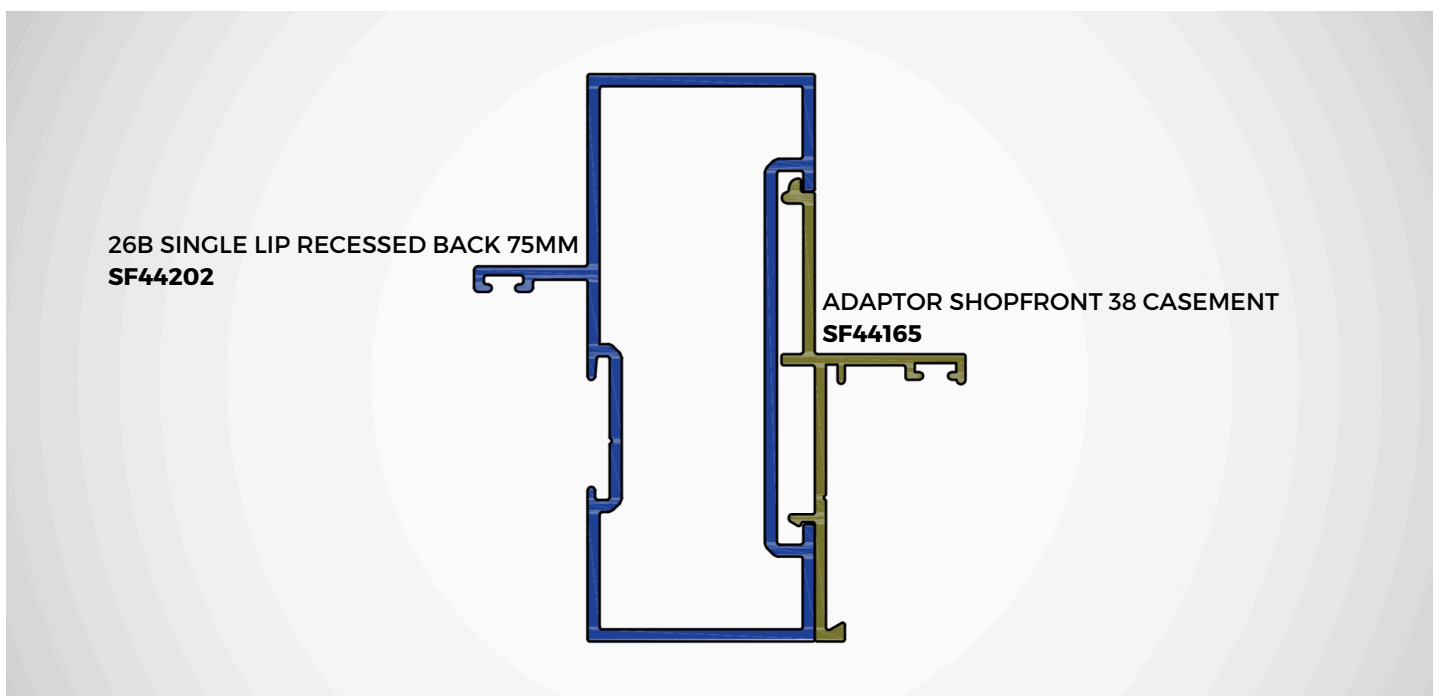
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44165	ADAPTOR SHOPFRONT 38 CASEMENT	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SF44165



ADAPTOR SHOPFRONT 38 CASEMENT
6.50m
INERTIA: Ixx: 3.835 cm⁴ / Iyy: 0.470 cm⁴

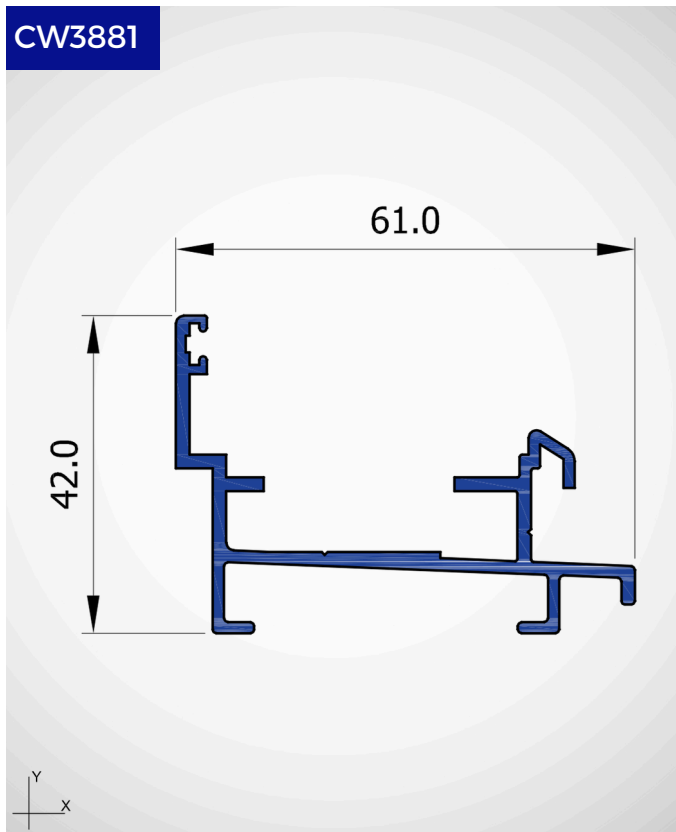
H 38 CASEMENT - ADAPTOR ASSEMBLY



Scale: 1:1 A4

H 38 CASEMENT - ANCILLARY

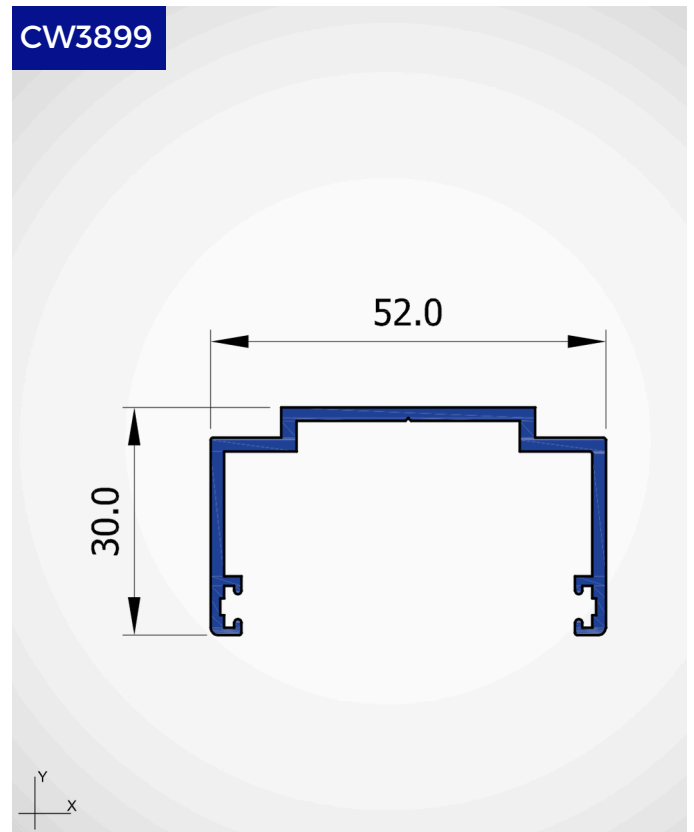
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3881	SUB CILL	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3899	COMPENSATING CHANNEL	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3882	ADD ON CILL	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3898A	2 PART COMPENSATING CHANNEL	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3898B	2 PART COMPENSATING CHANNEL BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



SUB CILL

5.98m

INERTIA: Ixx: 2.73 cm⁴ / Iyy: 11.65 cm⁴



COMPENSATING CHANNEL

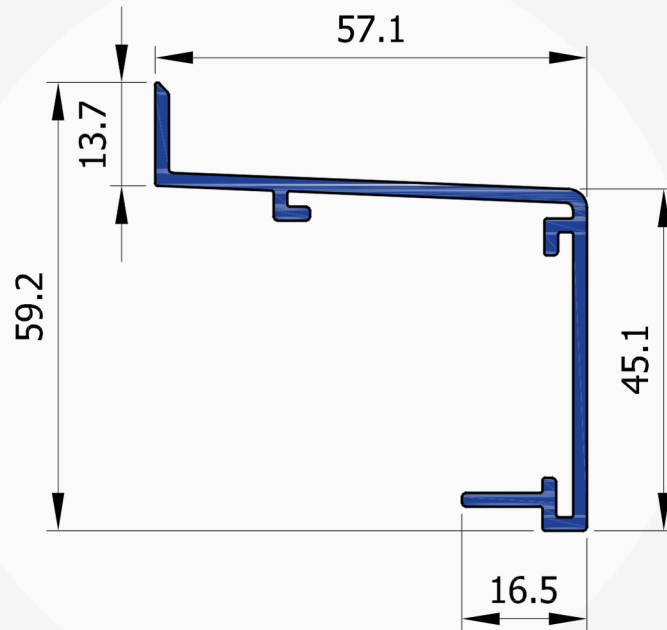
5.98m

INERTIA: Ixx: 1.93 cm⁴ / Iyy: 8.67 cm⁴

Scale: 1:1 A4

H 38 CASEMENT - ANCILLARY

CW3882

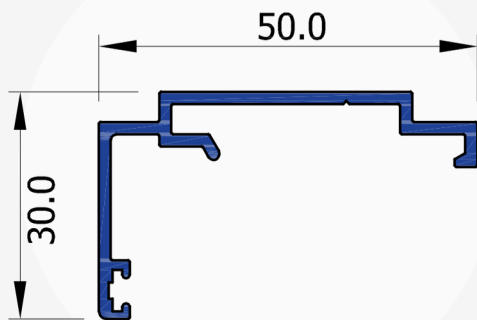


ADD ON CILL

5.98m

INERTIA: I_{xx} : 7.868 cm⁴ / I_{yy} : 10.356 cm⁴

CW3898A

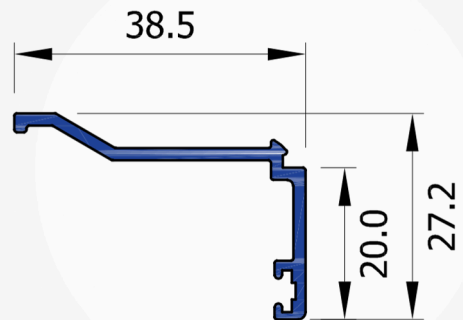


2 PART COMPENSATING CHANNEL

5.98m

INERTIA: I_{xx} : 1.151 cm⁴ / I_{yy} : 4.661 cm⁴

CW3898B



2 PART COMPENSATING CHANNEL BEAD

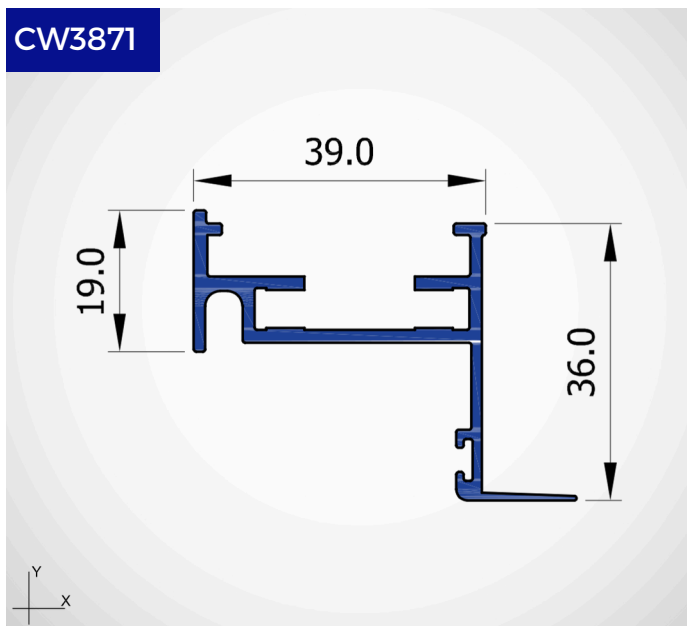
5.98m

INERTIA: I_{xx} : 0.645 cm⁴ / I_{yy} : 1.710 cm⁴

Scale: 1:1 A4

H 38 CASEMENT - FG FIXED PANELS

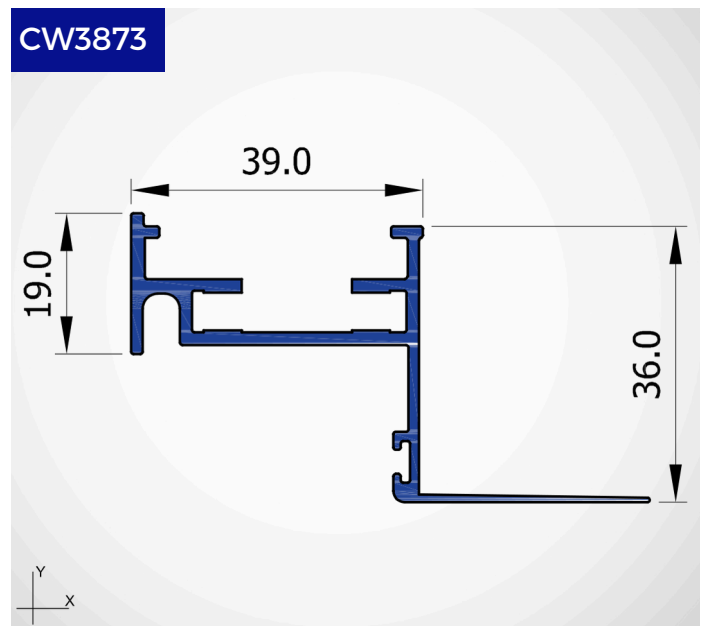
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3871	SINGLE FLUSH GLAZED FIXED PANEL	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3873	DOUBLE FLUSH GLAZED FIXED PANEL	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3872	FLUSH GLAZING FIXED PANEL COVER	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



SINGLE FLUSH GLAZED FIXED PANEL

5.98m

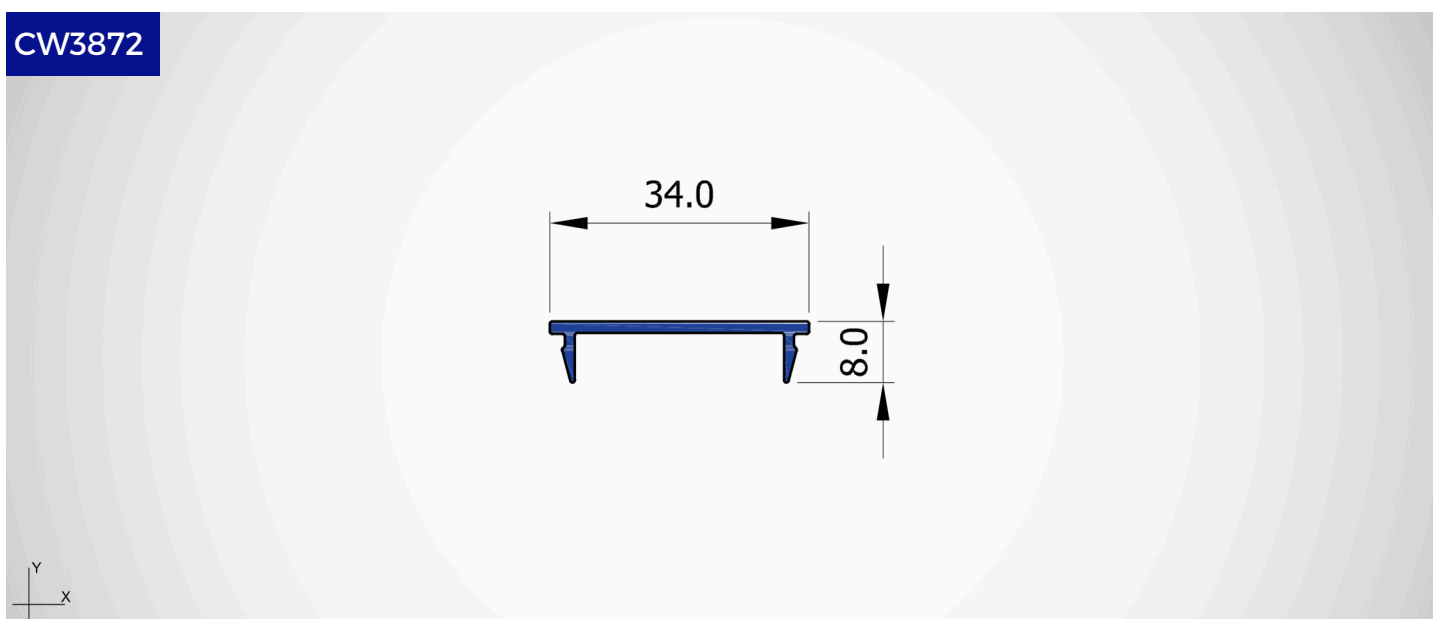
INERTIA: Ixx: 1.94 cm⁴ / Iyy: 4.70 cm⁴



DOUBLE FLUSH GLAZED FIXED PANEL

5.98m

INERTIA: Ixx: 2.57 cm⁴ / Iyy: 6.41 cm⁴



FLUSH GLAZING FIXED PANEL COVER

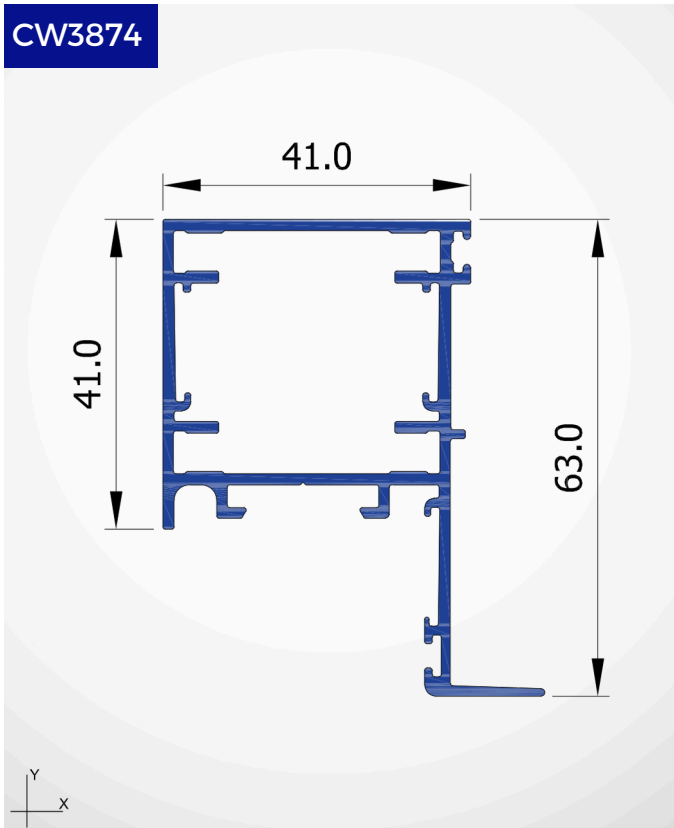
5.98m

INERTIA: Ixx: 0.02 cm⁴ / Iyy: 0.84 cm⁴

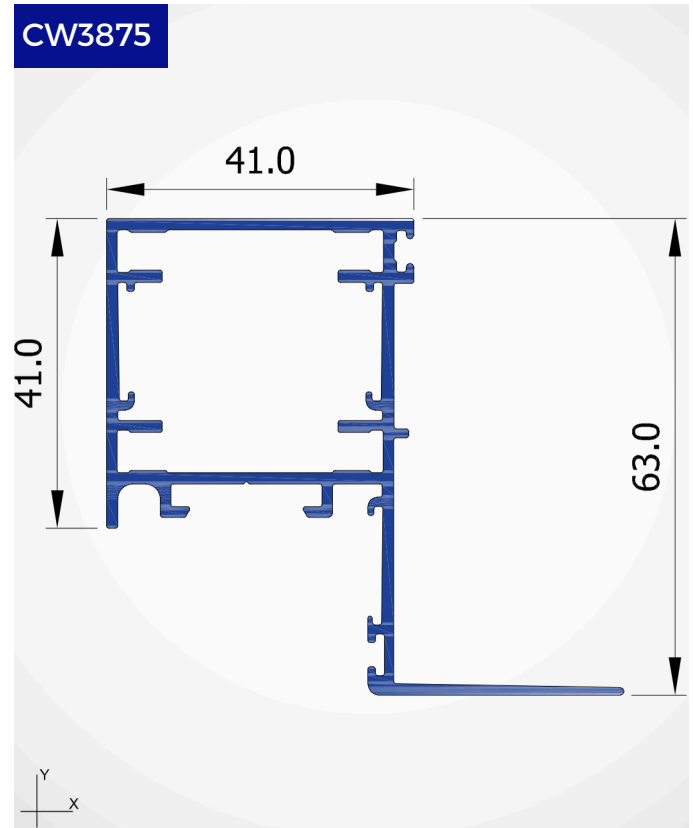
Scale: 1:1 A4

H 38 CASEMENT - FG SASHES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
CW3874	SINGLE FLUSH GLAZED SASH	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
CW3875	DOUBLE FLUSH GLAZED SASH	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



SINGLE FLUSH GLAZED SASH
5.98m
INERTIA: Ixx: 1.65 cm⁴ / Iyy: 4.30 cm⁴



DOUBLE FLUSH GLAZED SASH
5.98m
INERTIA: Ixx: 5.06 cm⁴ / Iyy: 9.97 cm⁴

Scale: 1:1 A4

TECHNICAL INFORMATION

DESCRIPTION & PURPOSE

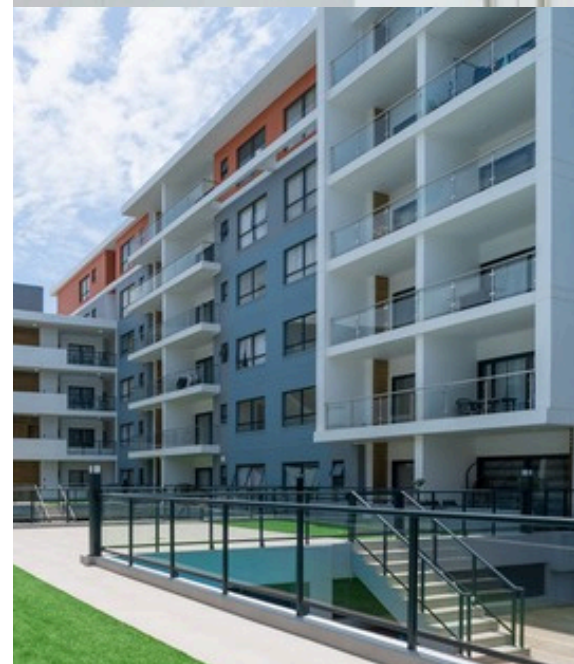
The H 38 Casement System is a window system with a frame thickness of 38mm that provides a diverse range of opening options. Its design features an aesthetic appeal and its assortment of sashes and mullions make it adaptable to various project requirements. This system performs well in South African conditions.

BENEFITS OF H 38 CASEMENT SYSTEM:

- Configuration: Various window configurations such as top or side hung are available.
- Customizable: Adaptors are available that enables the system to be integrated into a Shopfront or Jacaranda curtain wall.
- Standard colours: H 38 Casement System material is stocked in mill finish, white, black, bronze, silver and charcoal.
- Special colours: A wide range of custom powder coating options are available, with a minimum lead time of 20 working days. Providing you with endless possibilities to bring your vision to life.

ADDITIONAL FEATURES

- Various options are available for this system:
 - Single and double bead glazed.
 - Single and double flush glazed.
 - Heavy Duty sash can be used to accommodate for larger openings.
- A range of four mullions (38mm, 54mm, 76mm and 100mm) are available to cater for larger window openings.
- The system can accommodate glazing from 4mm – 26mm glass.
- Designed to accommodate 13mm and 16mm Friction Stays.
- Sub-cill and compensating channel available to allow long spans of windows to be introduced to the building envelope.
- Various cost effective PVC Gaskets are available.
- The Santoprene Gasket Range can be requested as a special order.





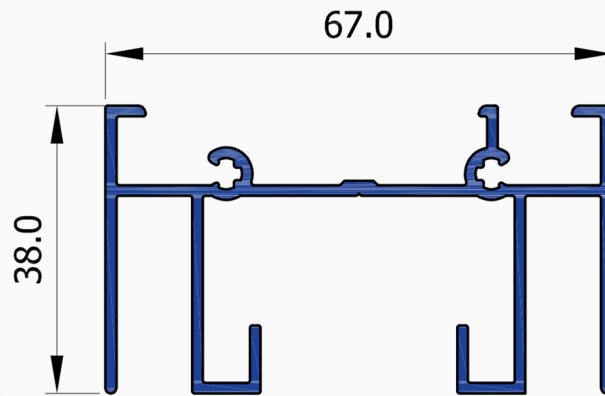
ZENITH SLIDING WINDOW

HERITAGE
BY H SYSTEMS

ZENITH SLIDING WINDOW - HEAD

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
ZS001	ZENITH HORIZONTAL SLIDER HEAD DOUBLE	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

ZS001



ZENITH HORIZONTAL SLIDER HEAD DOUBLE

5.98m

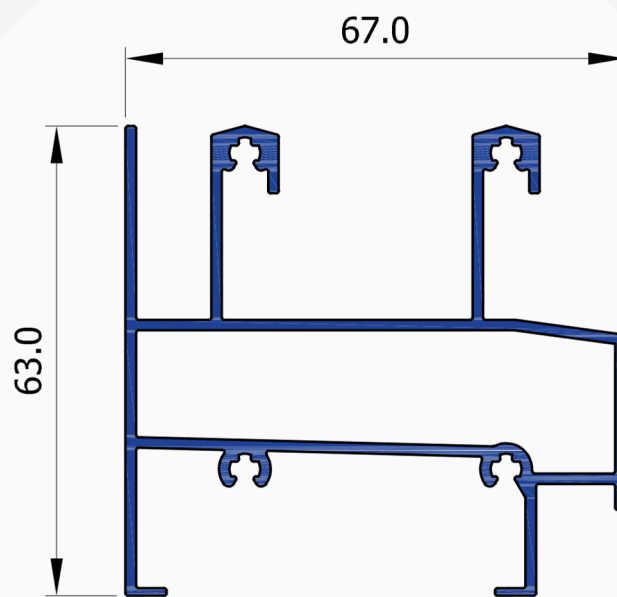
INERTIA: Ixx: 4.649 cm⁴ / Iyy: 21.547 cm⁴

Scale: 1:1 A4

ZENITH SLIDING WINDOW - CILL

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
ZS004	ZENITH HORIZONTAL SLIDER CILL DOUBLE	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

ZS004



ZENITH HORIZONTAL SLIDER CILL DOUBLE

5.98m

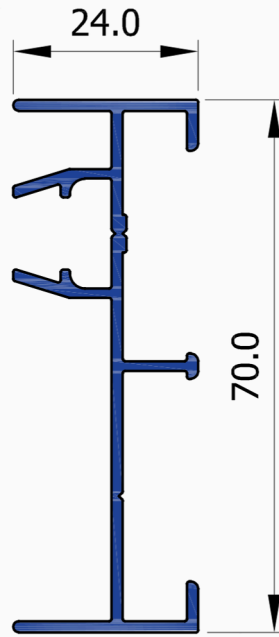
INERTIA: I_{xx} : 15.073 cm⁴ / I_{yy} : 25.315 cm⁴

Scale: 1:1 A4

ZENITH SLIDING WINDOW - JAMB

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
ZS007	ZENITH HORIZONTAL SLIDER JAMB DOUBLE	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

ZS007



ZENITH HORIZONTAL SLIDER JAMB DOUBLE

6.50m

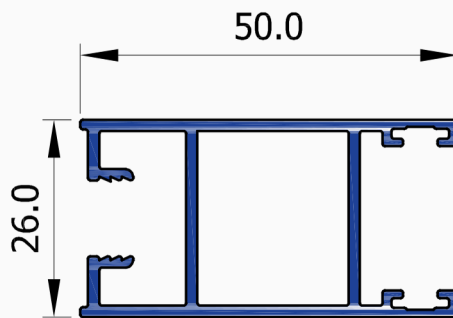
INERTIA: I_{xx} : 15.290 cm⁴ / I_{yy} : 0.891 cm⁴

Scale: 1:1 A4

ZENITH SLIDING WINDOW - LOCK STILE

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
ZS011	ZENITH HORIZONTAL SLIDER LOCK STILE	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
ZS022	ZENITH HORIZONTAL SLIDER MEETING STILE ADAPTOR	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

ZS011

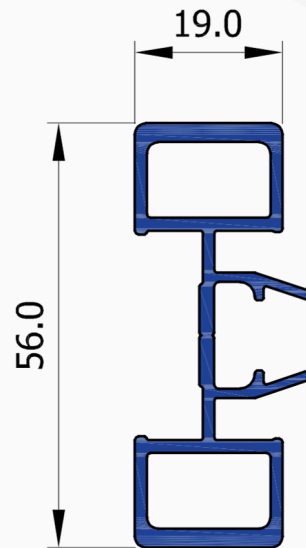


ZENITH HORIZONTAL SLIDER LOCK STILE

6.50m

INERTIA: I_{xx} : 2.809 cm⁴ / I_{yy} : 5.721 cm⁴

ZS022



ZENITH HORIZONTAL SLIDER MEETING STILE ADAPTOR

5.98m

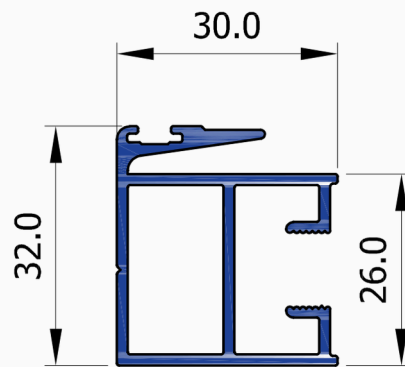
INERTIA: I_{xx} : 11.616 cm⁴ / I_{yy} : 1.255 cm⁴

Scale: 1:1 A4

ZENITH SLIDING WINDOW - INTERLOCKER

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
ZS016	ZENITH HORIZONTAL SLIDER INTERLOCKER	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
ZS018	ZENITH HORIZONTAL SLIDER INTERLOCKER XHD	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

ZS016

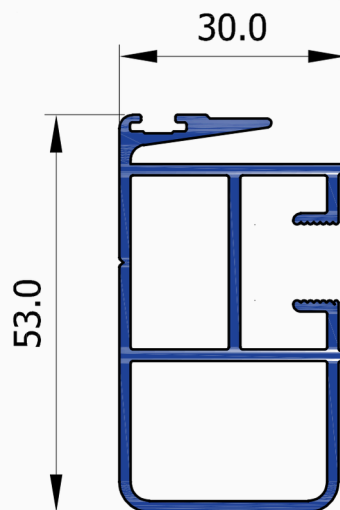


ZENITH HORIZONTAL SLIDER INTERLOCKER

6.50m

INERTIA: I_{xx} : 2.941 cm⁴ / I_{yy} : 2.123 cm⁴

ZS018



ZENITH HORIZONTAL SLIDER INTERLOCKER XHD

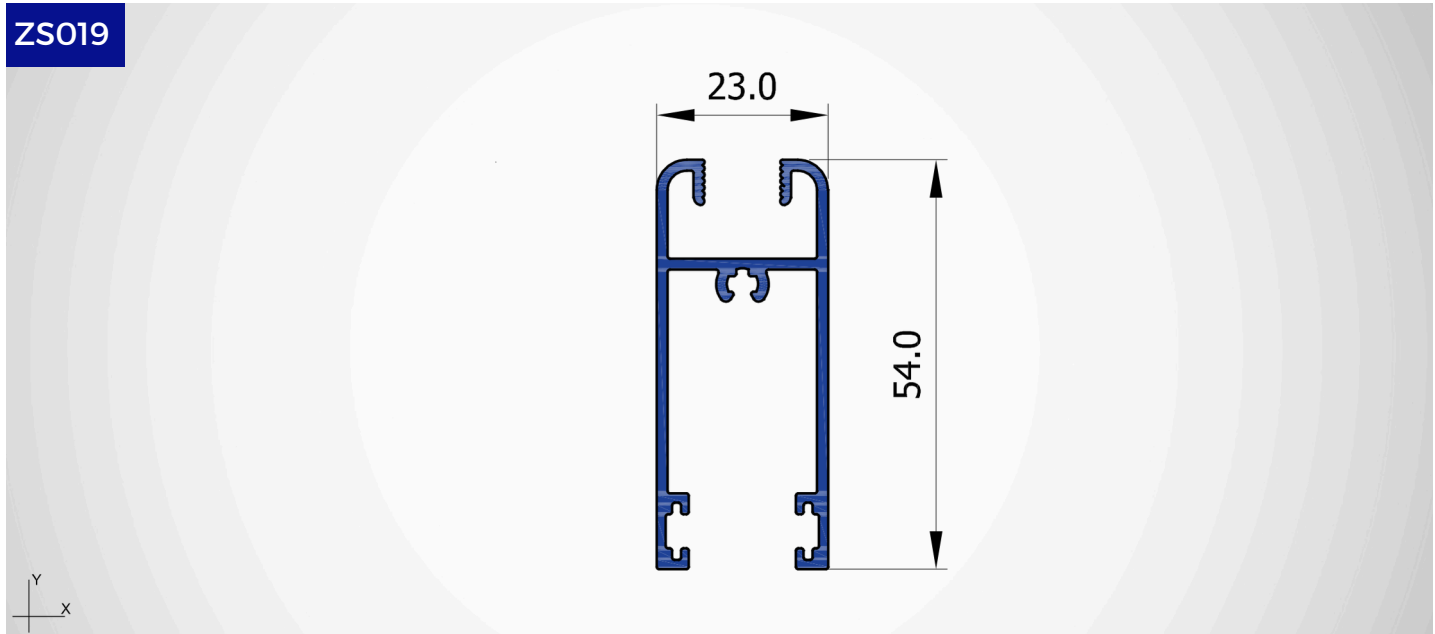
7.25m

INERTIA: I_{xx} : 9.299 cm⁴ / I_{yy} : 3.403 cm⁴

Scale: 1:1 A4

ZENITH SLIDING WINDOW - WHEEL SASH

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
ZS019	ZENITH HORIZONTAL SLIDER WHEEL SASH	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



ZENITH HORIZONTAL SLIDER WHEEL SASH

6.50m

INERTIA: I_{xx} : 2.809 cm⁴ / I_{yy} : 5.721 cm⁴

Scale: 1:1 A4

TECHNICAL INFORMATION

DESCRIPTION & PURPOSE

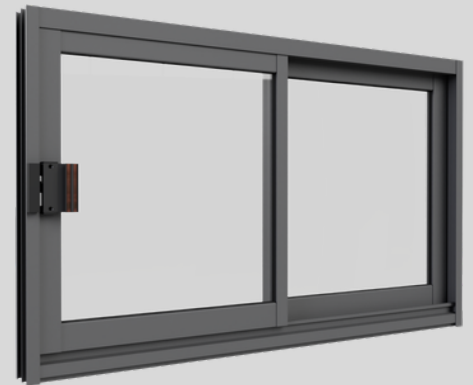
The Zenith Sliding Window System features a modern look and feel while offering affordable market competitiveness. Boasting a slick, easy access locking mechanism and ultra-smooth rollers this window system can provide solutions to suite both domestic and commercial needs.

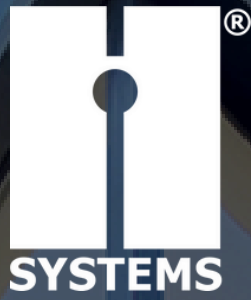
BENEFITS OF ZENITH SLIDING WINDOW:

- Configuration: This system is ideal for applications where projecting windows pose a safety hazard or in cases where projection windows simply cannot function adequately due to opening space limitations.
- Standard colours: Zenith material is stocked in mill finish, white, black, bronze, silver and charcoal.
- Special colours: A wide range of custom powder coating options are available, with a minimum lead time of 20 working days. Providing you with endless possibilities to bring your vision to life.

ADDITIONAL FEATURES

- The system can accommodate glazing from 4mm to 6.38mm, as well as 16mm glass, provided that the double glazed adaptor is used.
- The system is easy to fabricate and install with multiple multi-sliding configurations.
- Various cost effective PVC Gaskets are available.
- The Santoprene Gasket Range can be requested as a special order.



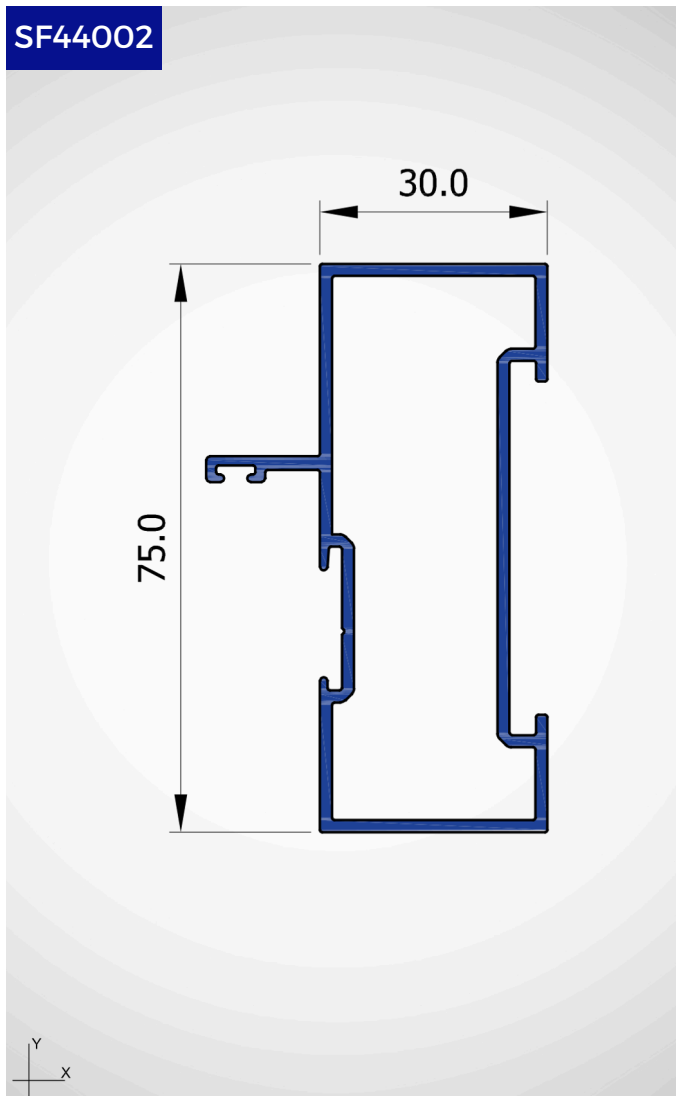


H SHOPFRONT

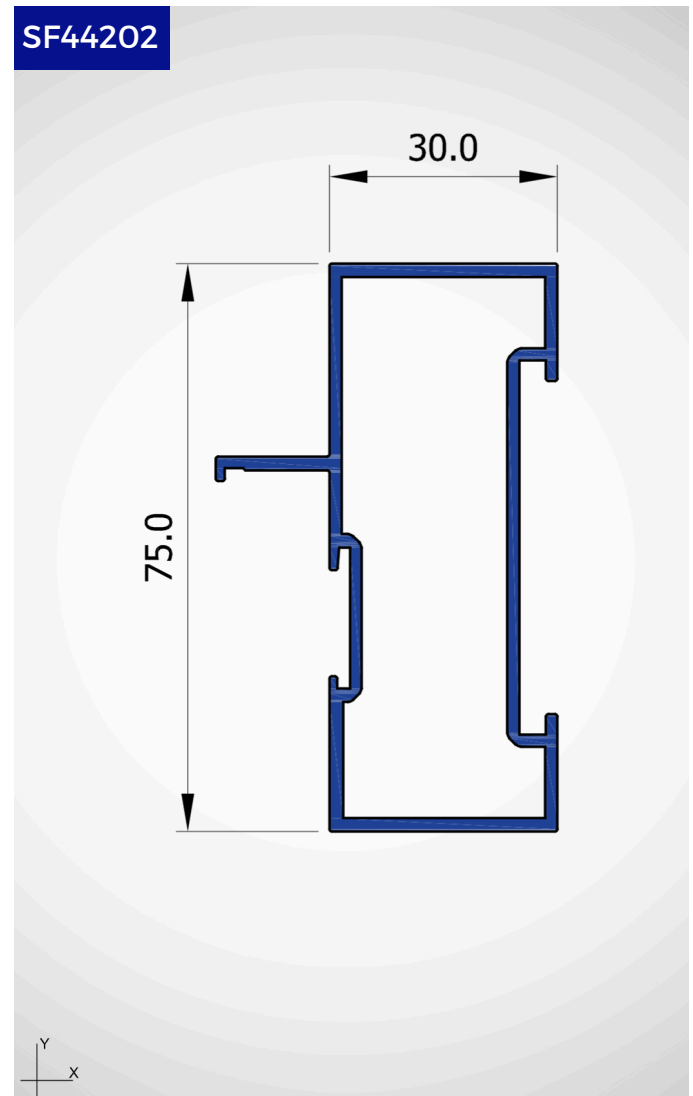
HERITAGE
BY H SYSTEMS

H SHOPFRONT - 75MM FRAMES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44002	26B SINGLE LIP RECESSED BACK (WOOLPILE GROOVE) 75MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44202	26B SINGLE LIP RECESSED BACK 75MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44203	26C SINGLE LIP OPEN BACK 75MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44004	26D DOUBLE RECESSED BACK 75MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44005	26E SINGLE LIP FLAT BACK (WOOLPILE GROOVE) 75MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



26B SINGLE LIP RECESSED BACK (WOOLPILE GROOVE)
7.25m
INERTIA: Ixx: 24.70 cm⁴ / Iyy: 6.19 cm⁴

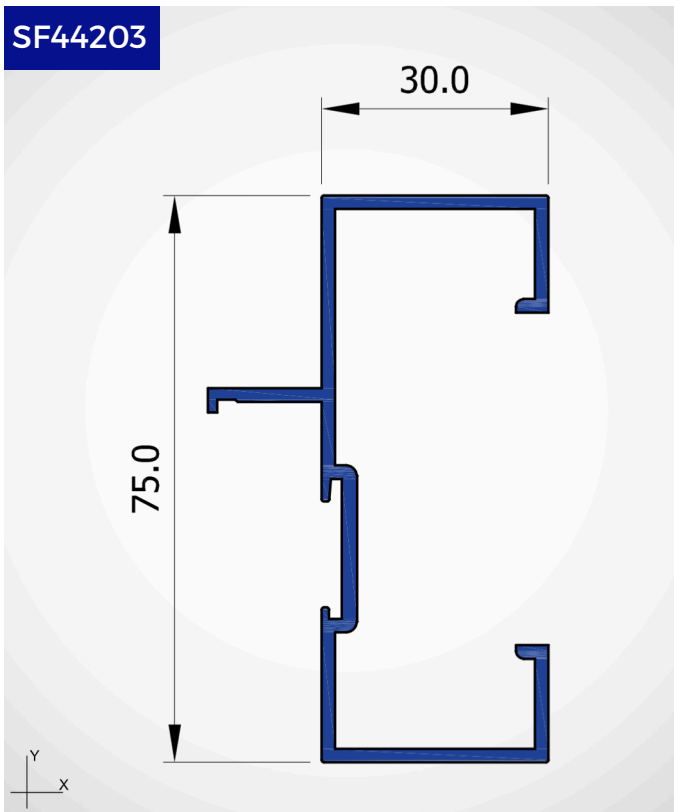


26B SINGLE LIP RECESSED BACK 75MM
7.25m
INERTIA: Ixx: 26.27 cm⁴ / Iyy: 6.19 cm⁴

Scale: 1:1 A4

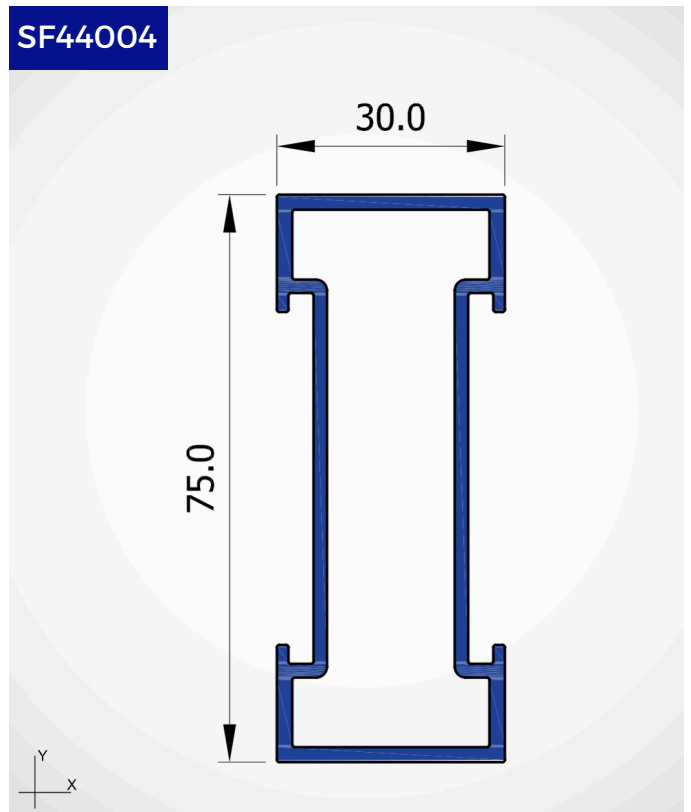
H SHOPFRONT - 75MM FRAMES

SF44203



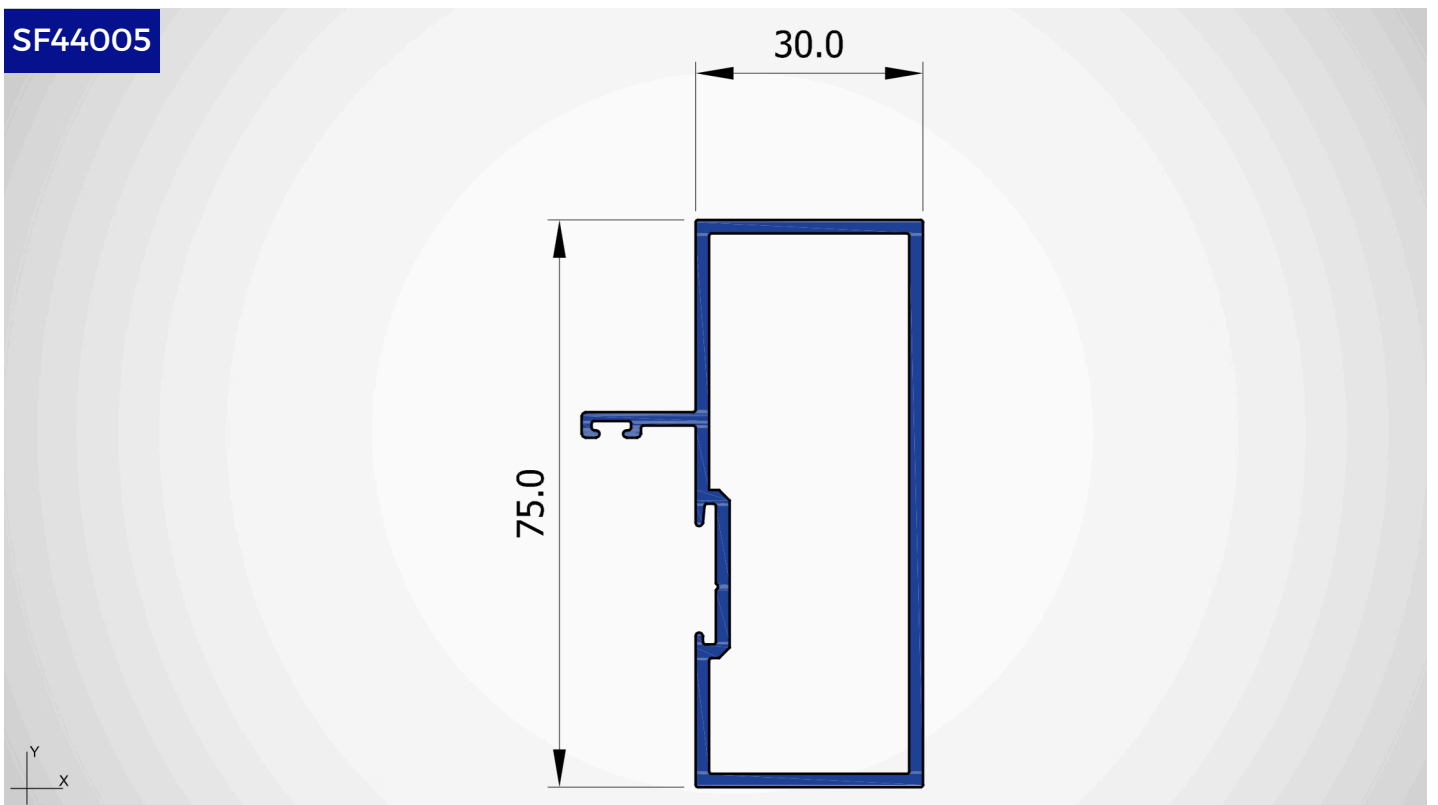
26C SINGLE LIP OPEN BACK 75MM
7.25m
INERTIA: Ixx: 25.12 cm⁴ / Iyy: 5.09 cm⁴

SF44004



26D DOUBLE RECESSED BACK 75MM
7.25m
INERTIA: Ixx: 30.37 cm⁴ / Iyy: 4.84 cm⁴

SF44005



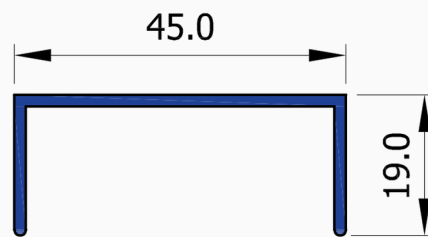
26E SINGLE LIP FLAT BACK (WOOLPILE GROOVE) 75MM
7.25m
INERTIA: Ixx: 25.74 cm⁴ / Iyy: 7.39 cm⁴

Scale: 1:1 A4

H SHOPFRONT - COMPENSATING CHANNEL

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44999	COMPENSATING CHANNEL	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44991	COMPENSATING CHANNEL 86MM x 40MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SF44999

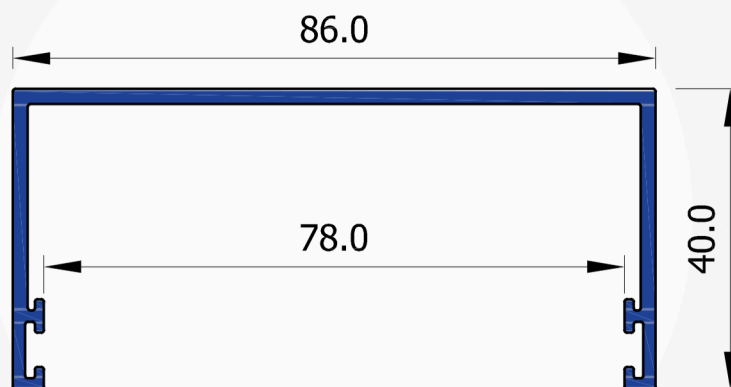


COMPENSATING CHANNEL

6.50m

INERTIA: I_{xx} : 0.41 cm⁴ / I_{yy} : 3.75 cm⁴

SF44991



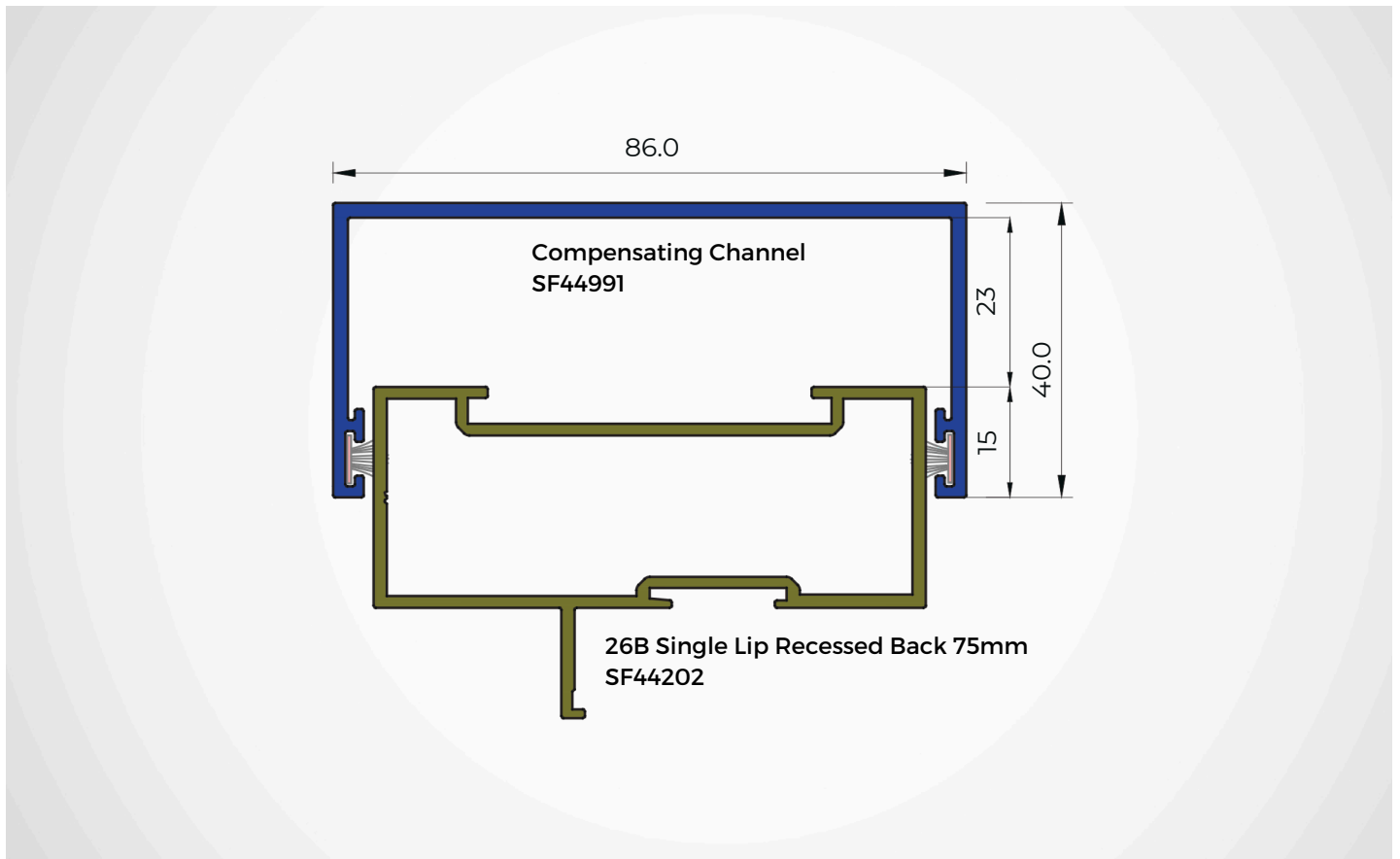
COMPENSATING CHANNEL 86MM X 40MM

7.25m

INERTIA: I_{xx} : 6.02 cm⁴ / I_{yy} : 40.22 cm⁴

Scale: 1:1 A4

H SHOPFRONT - COMPENSATING ASSEMBLY



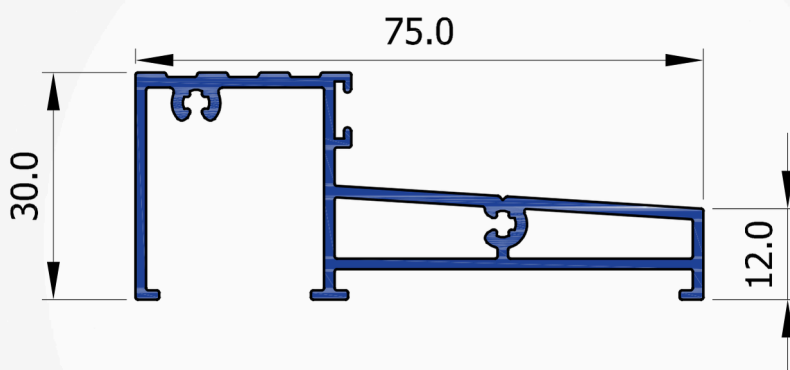
Applicable to all 75mm H Shopfront frames.

Scale: 1:1 A4

H SHOPFRONT - THRESHOLD

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44599	THRESHOLD BOXED	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44597	THRESHOLD SHALLOW	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SF44599

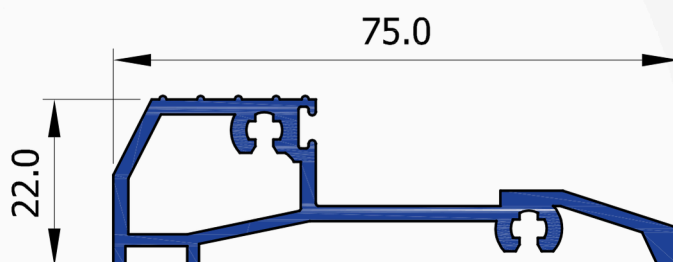


THRESHOLD BOXED

7.25m

INERTIA: Ixx: 17.82 cm⁴ / Iyy: 2.79 cm⁴

SF44597



THRESHOLD SHALLOW

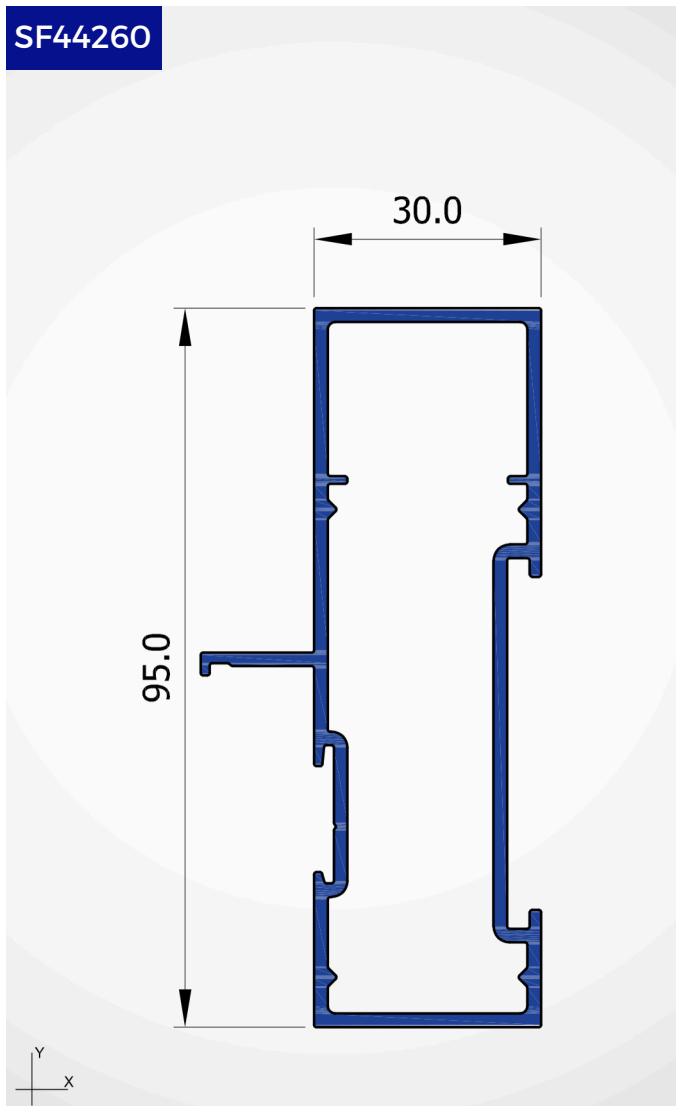
7.25m

INERTIA: Ixx: 16.67 cm⁴ / Iyy: 1.29 cm⁴

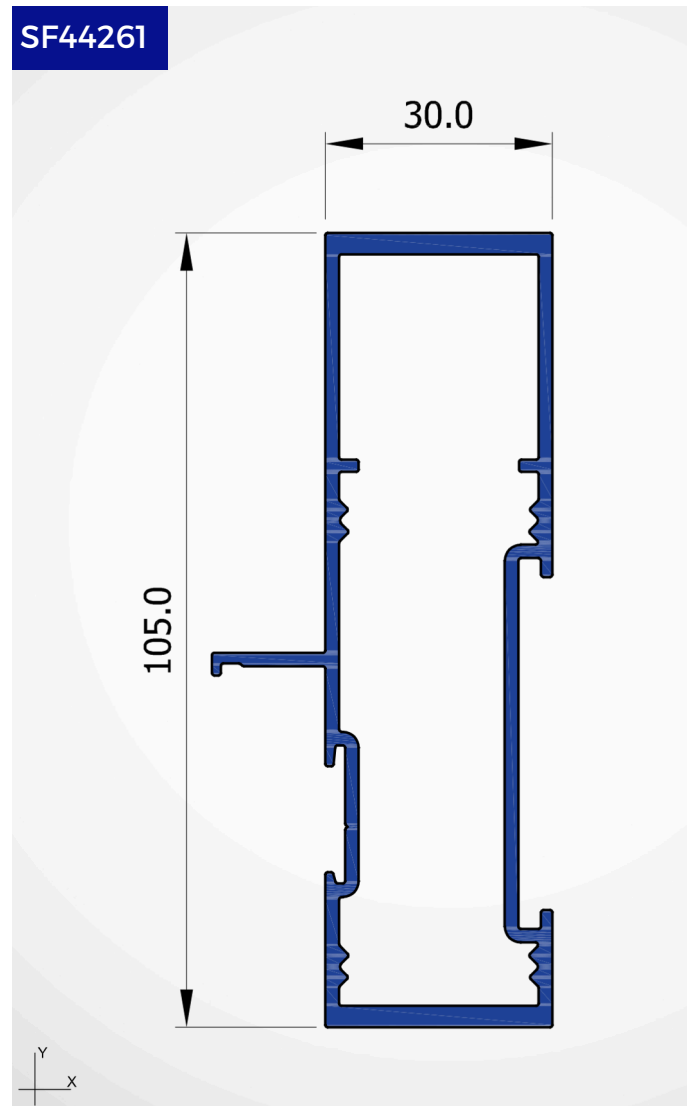
Scale: 1:1 A4

H SHOPFRONT - SINGLE FRAMES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44260	26B SINGLE LIP RECESSED BACK 95MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44261	26B SINGLE LIP RECESSED BACK 105MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44262	26B SINGLE LIP RECESSED BACK 120MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44264	26B SINGLE LIP RECESSED BACK 150MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



SF44260
26B SINGLE LIP RECESSED BACK 95MM
 7.25m
 INERTIA: Ixx: 49.58 cm⁴ / Iyy: 8.24 cm⁴

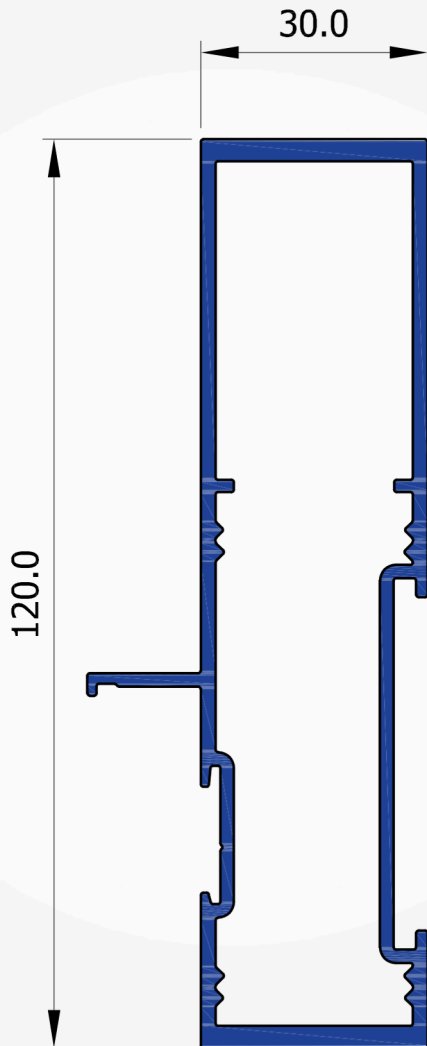


SF44261
26B SINGLE LIP RECESSED BACK 105MM
 7.25m
 INERTIA: Ixx: 78.49 cm⁴ / Iyy: 9.49 cm⁴

Scale: 1:1 A4

H SHOPFRONT - SINGLE FRAMES

SF44262

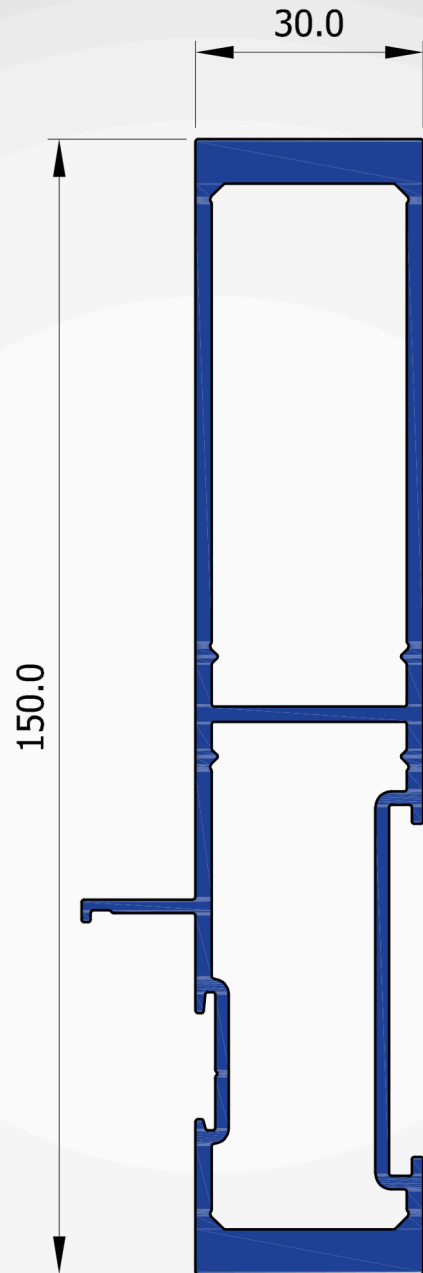


26B SINGLE LIP RECESSED BACK 120MM

7.25m

INERTIA: Ixx: 112.72 cm⁴ / Iyy: 10.88 cm⁴

SF44264



26B SINGLE LIP RECESSED BACK 150MM

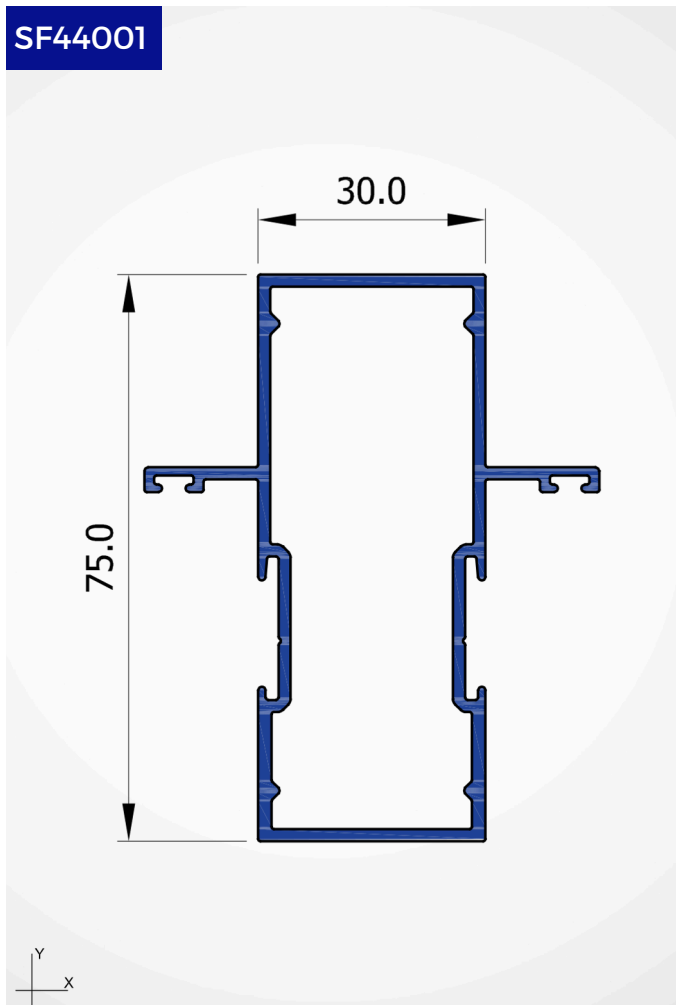
7.25m

INERTIA: Ixx: 284.71 cm⁴ / Iyy: 14.88 cm⁴

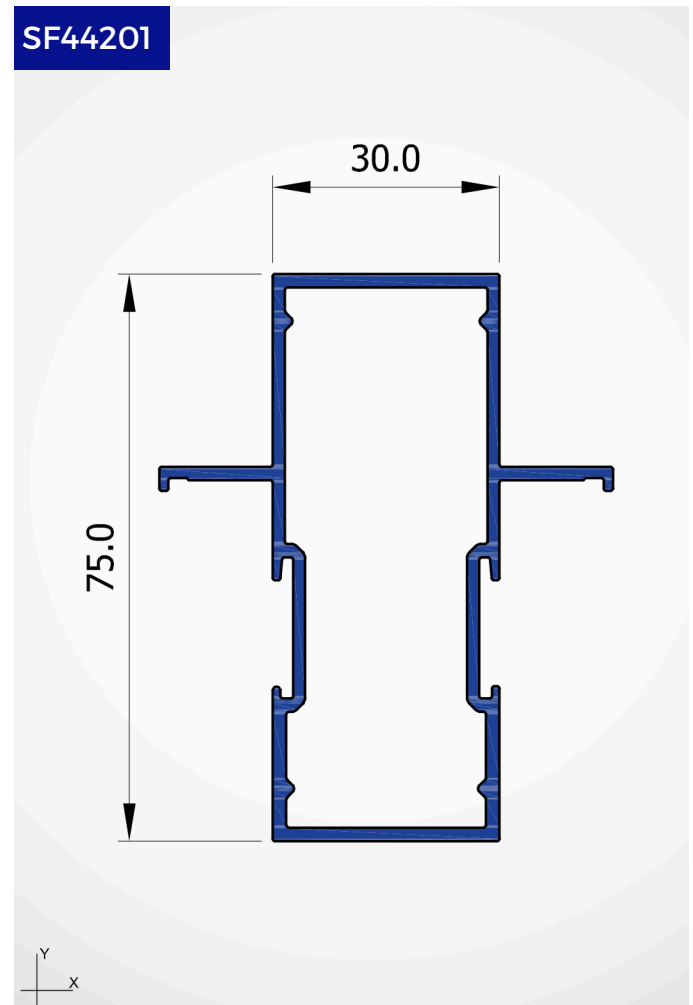
Scale: 1:1 A4

H SHOPFRONT - MULLIONS/TRANSOMS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44001	26 DOUBLE LIP MULLION (WOOLPILE GROOVE) 75MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44201	26 DOUBLE LIP MULLION 75MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44250	26 DOUBLE LIP MULLION 95MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44251	26 DOUBLE LIP MULLION 105MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44252	26 DOUBLE LIP MULLION 120MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44254	26 DOUBLE LIP MULLION 150MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44059	CORNER MULLION	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



26 DOUBLE LIP MULLION (WOOLPILE GROOVE) 75MM
7.25m
INERTIA: Ixx: 25.04 cm⁴ / Iyy: 8.64 cm⁴

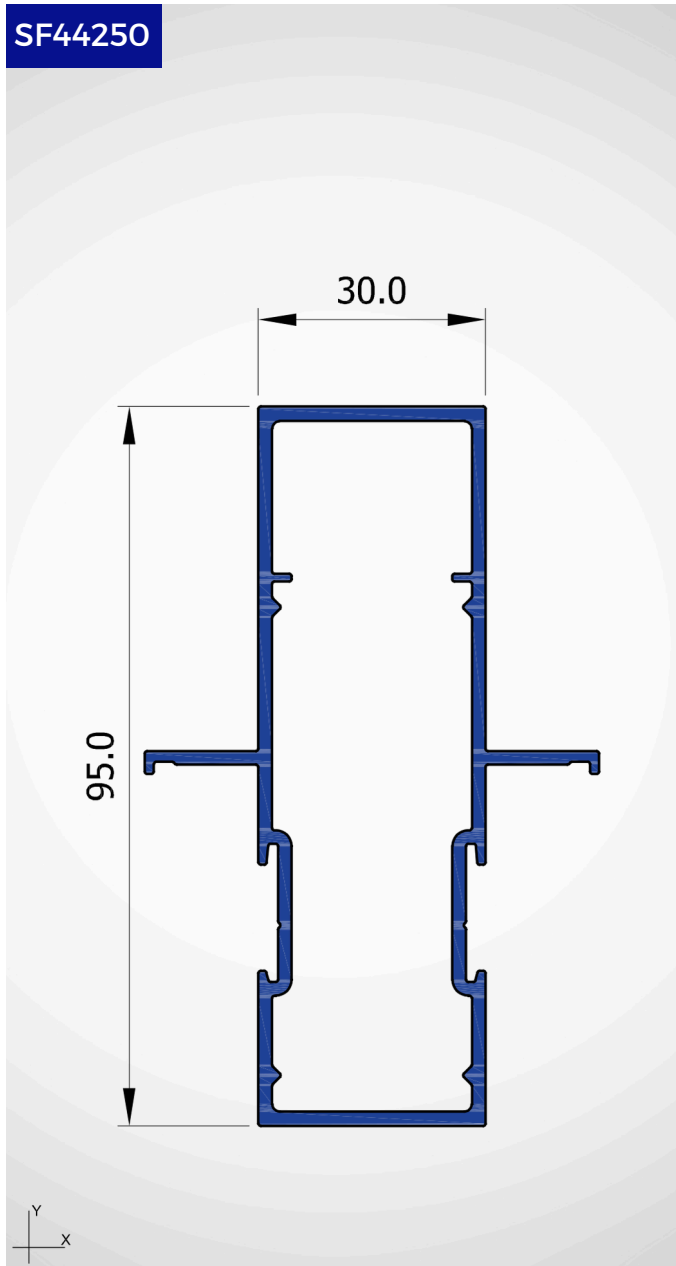


26 DOUBLE LIP MULLION 75MM
7.25m
INERTIA: Ixx: 26.35 cm⁴ / Iyy: 8.67 cm⁴

Scale: 1:1 A4

H SHOPFRONT - MULLIONS/TRANSOMS

SF44250

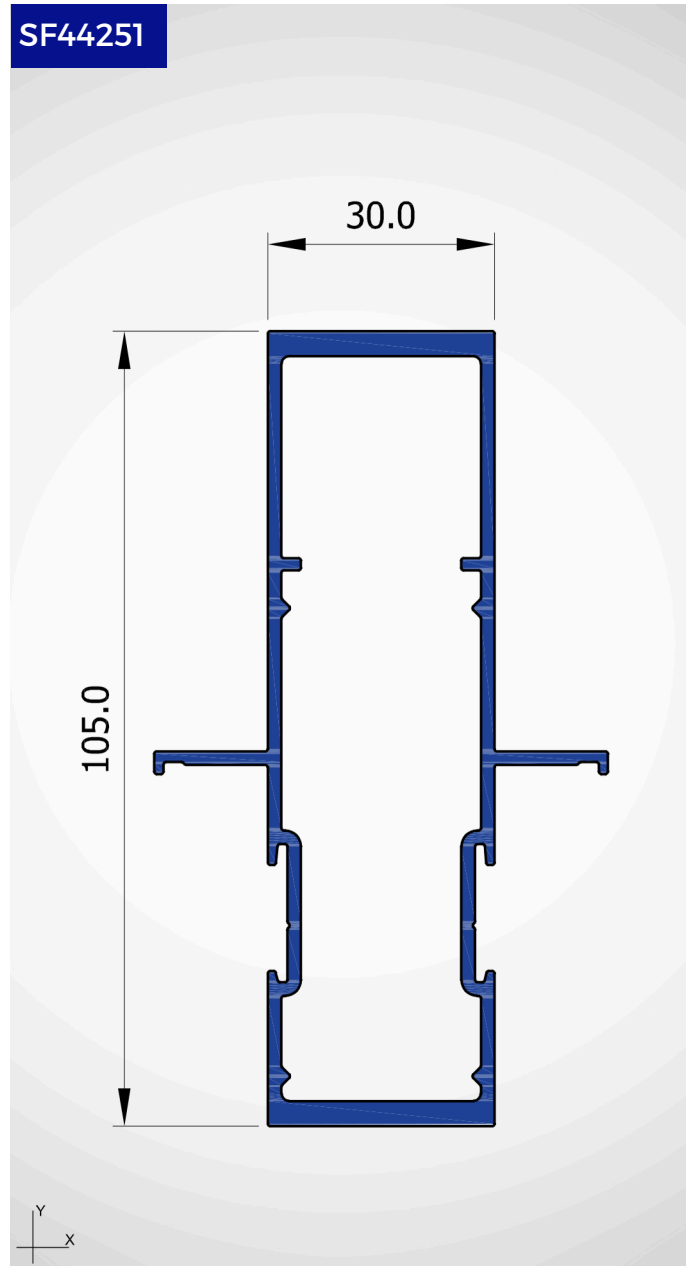


26 DOUBLE LIP MULLION 95MM

7.25m

INERTIA: Ixx: 49.67 cm⁴ / Iyy: 10.46 cm⁴

SF44251



26 DOUBLE LIP MULLION 105MM

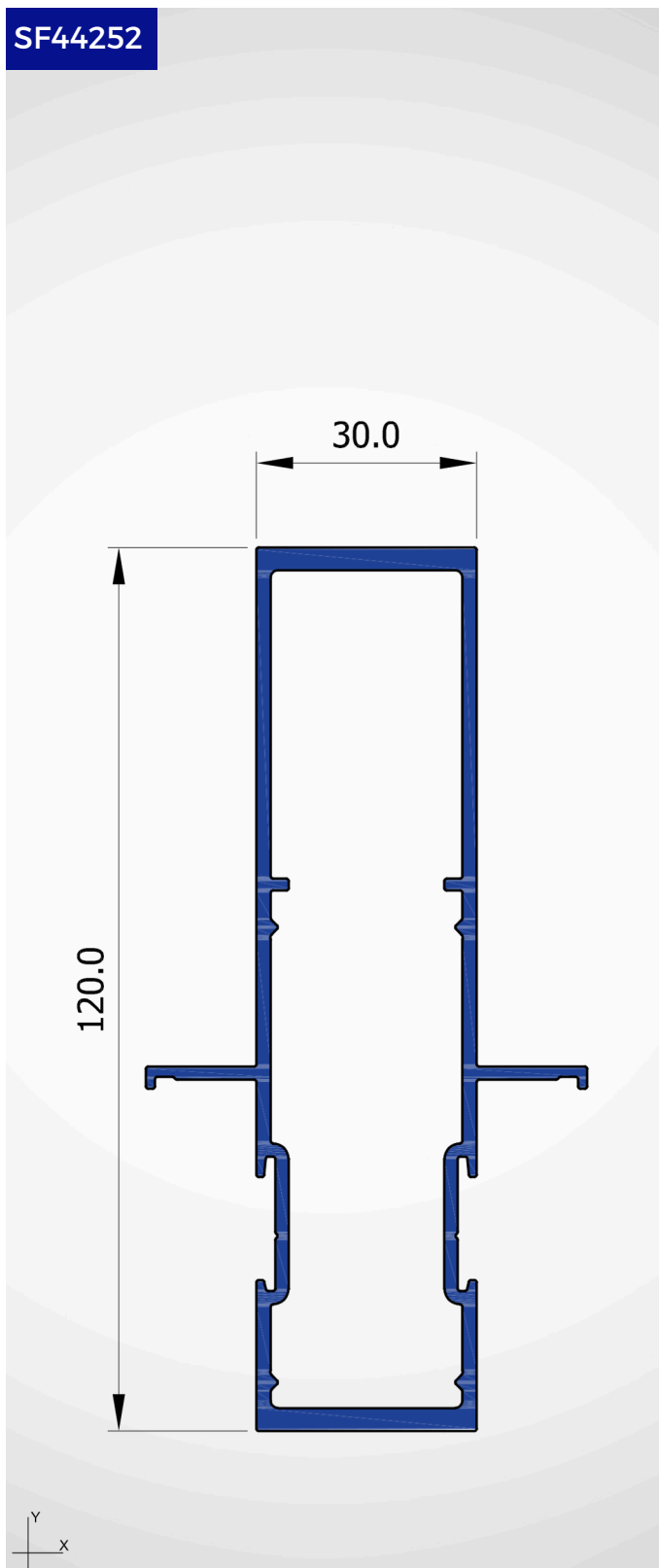
7.25m

INERTIA: Ixx: 87.72 cm⁴ / Iyy: 11.68 cm⁴

Scale: 1:1 A4

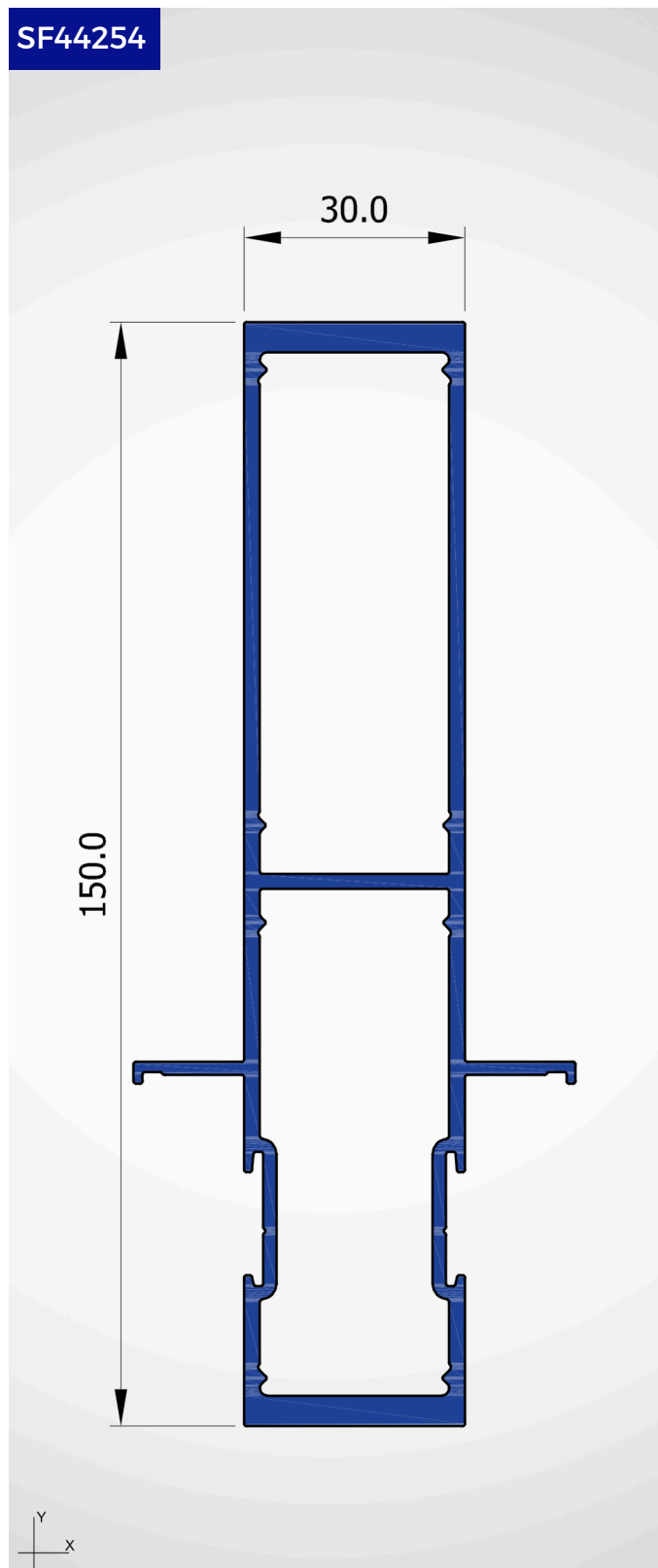
H SHOPFRONT - MULLIONS/TRANSOMS

SF44252



26 DOUBLE LIP MULLION 120MM
7.25m
INERTIA: Ixx: 115.00 cm⁴ / Iyy: 13.13 cm⁴

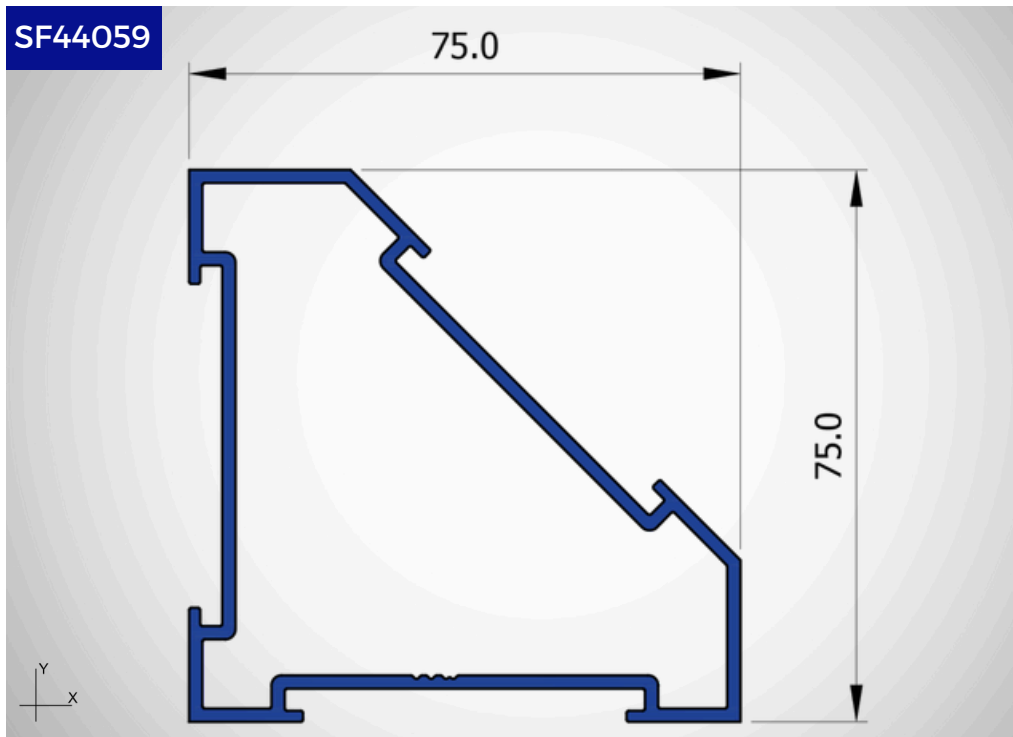
SF44254



26 DOUBLE LIP MULLION 150MM
7.25m
INERTIA: Ixx: 240.64 cm⁴ / Iyy: 16.73 cm⁴

Scale: 1:1 A4

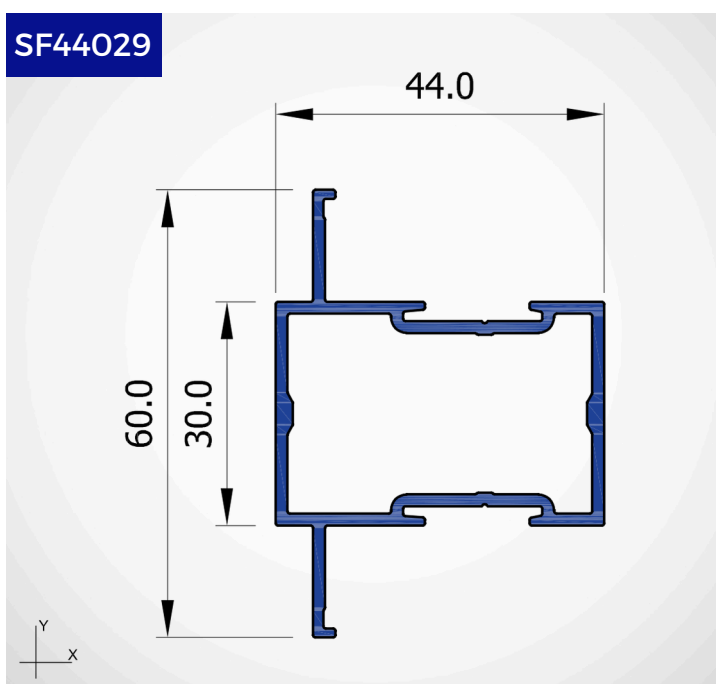
H SHOPFRONT - MULLIONS/TRANSOMS



CORNER MULLION
6.50m
INERTIA: Ixx: 35.17 cm⁴/ Iyy: 35.27 cm⁴

H SHOPFRONT - GLAZING BAR

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44029	GLAZING BAR	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

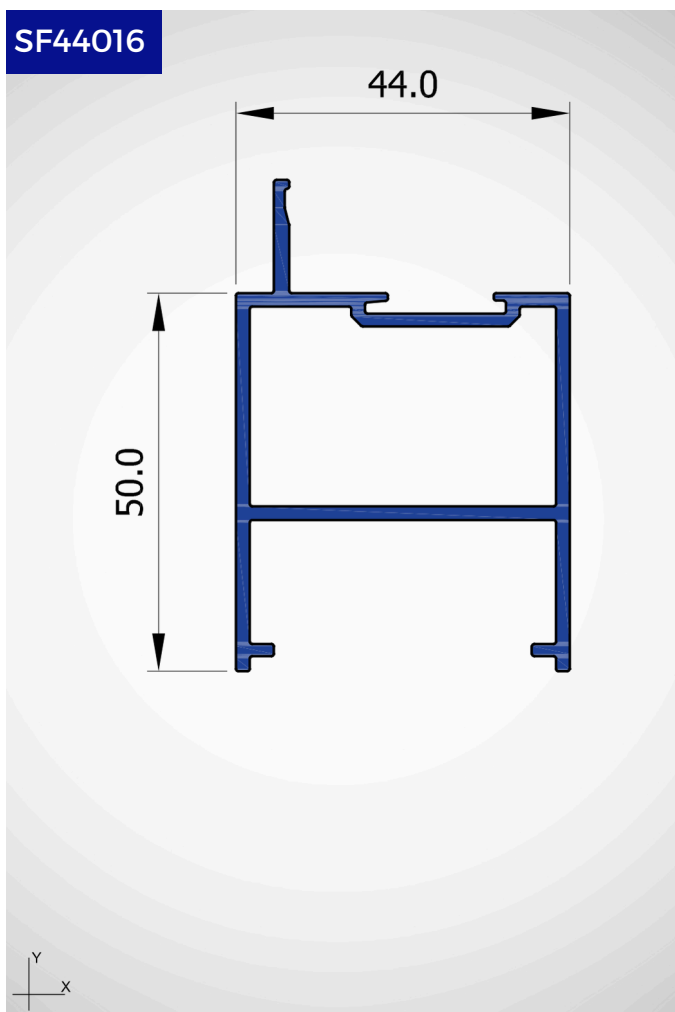


GLAZING BAR
5.98m
INERTIA: Ixx: 7.70 cm⁴/ Iyy: 6.11 cm⁴

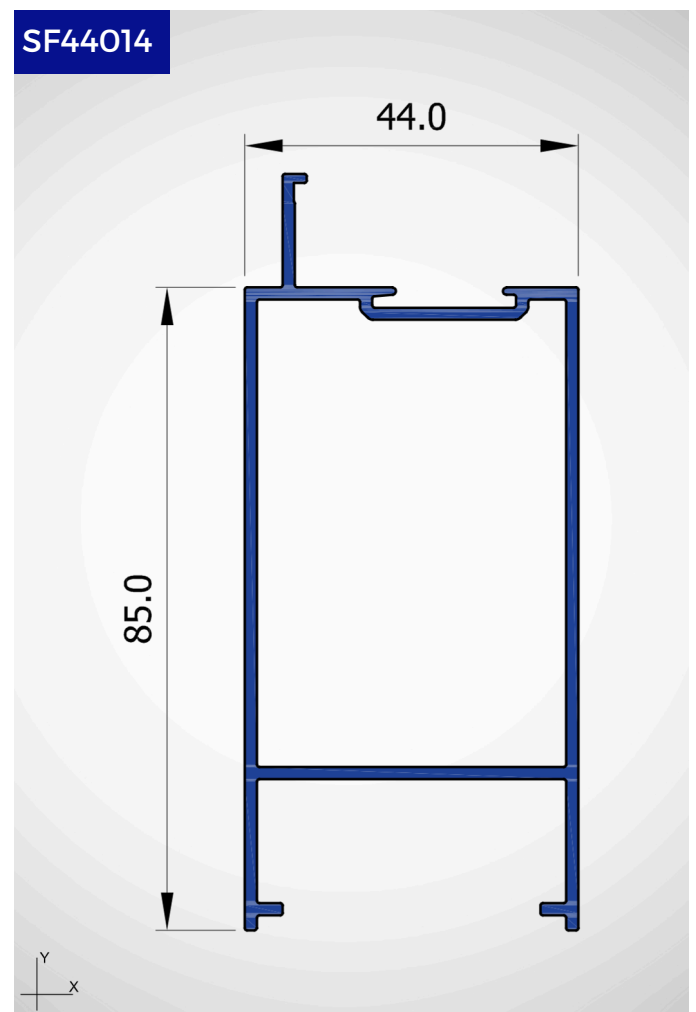
Scale: 1:1 A4

H SHOPFRONT - HEADS/CILLS/MID RAILS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44016	R7 BOTTOM/MID/TOP RAIL 50MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44014	R4 HEAD/CILL RAIL 85MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44015	R4SP MID RAIL 85MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44018	R6 CILL RAIL 150MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



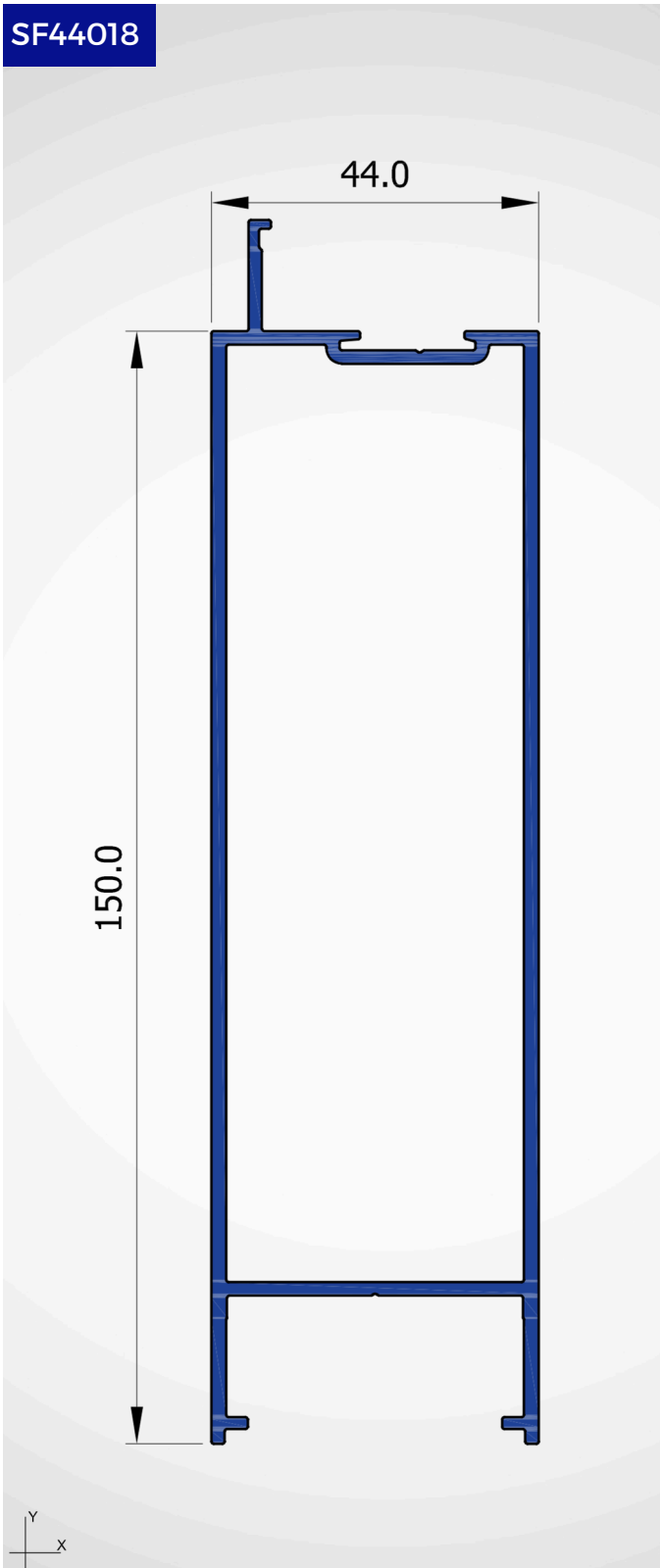
R7 BOTTOM/MID/TOP RAIL 50MM
7.25m
INERTIA: Ixx: 10.31 cm⁴ / Iyy: 11.14 cm⁴



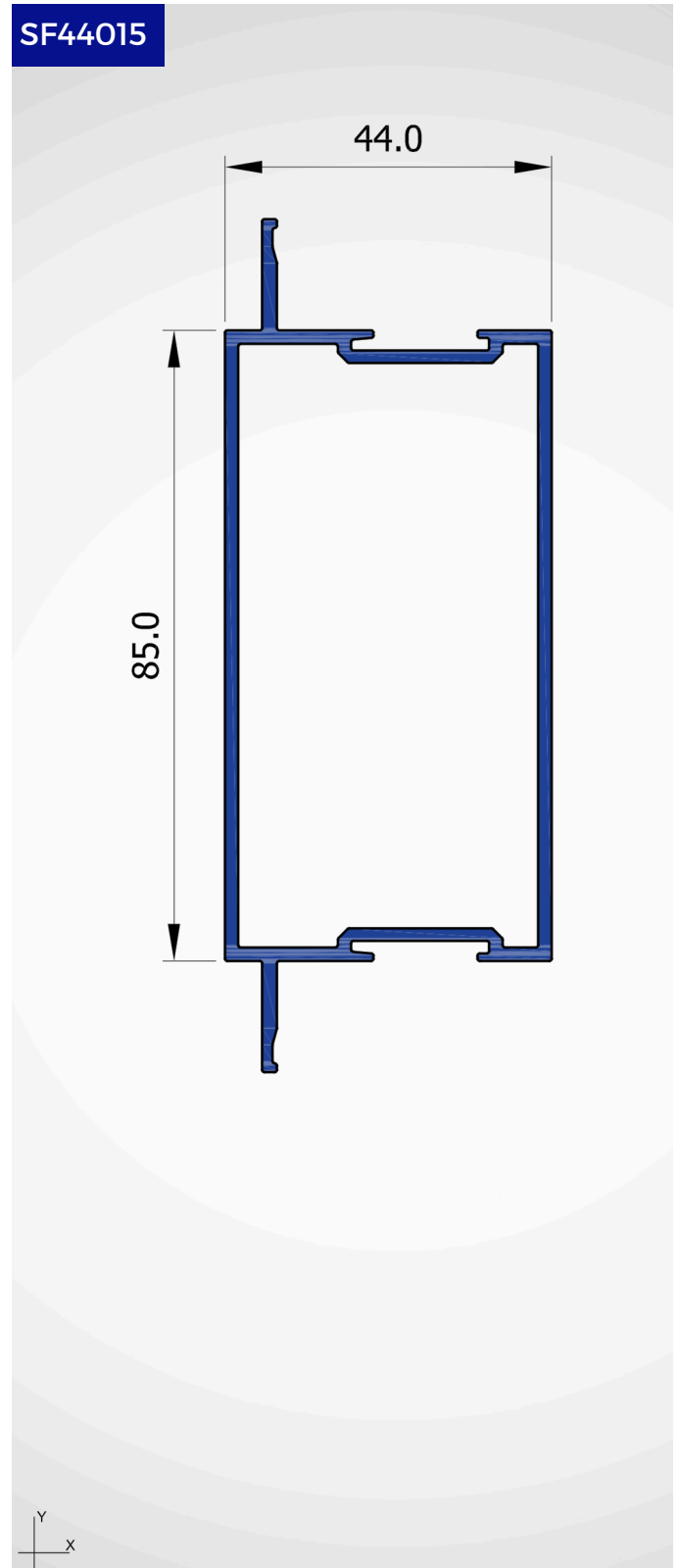
R4 HEAD/CILL RAIL 85MM
7.25m
INERTIA: Ixx: 38.96 cm⁴ / Iyy: 15.18 cm⁴

Scale: 1:1 A4

H SHOPFRONT - HEADS/CILLS/MID RAILS



R6 CILL RAIL 150MM
7.25m
INERTIA: Ixx: 199.41 cm⁴ / Iyy: 29.8446 cm⁴

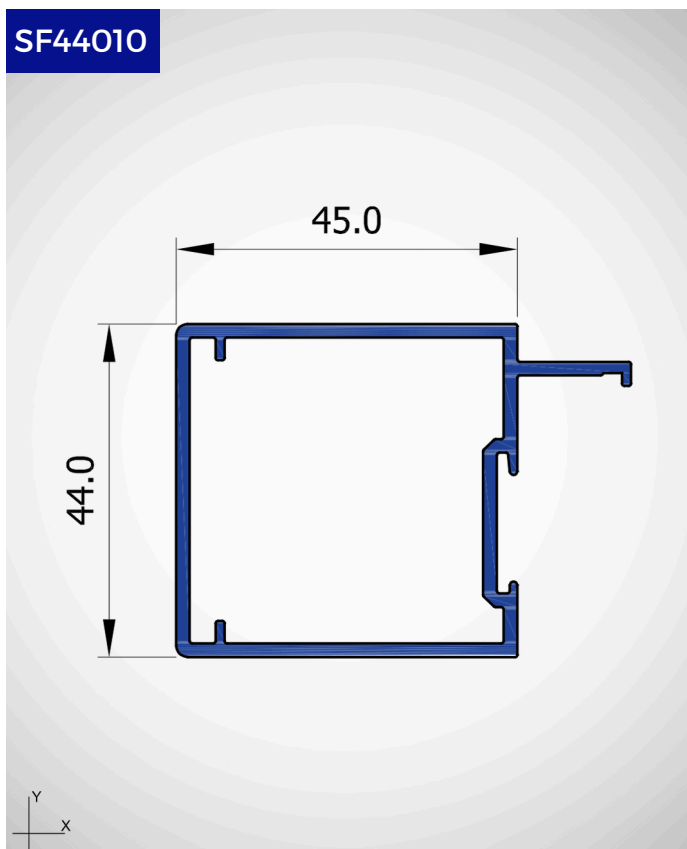


R4SP MID RAIL 85MM
7.25m
INERTIA: Ixx: 59.50 cm⁴ / Iyy: 17.14 cm⁴

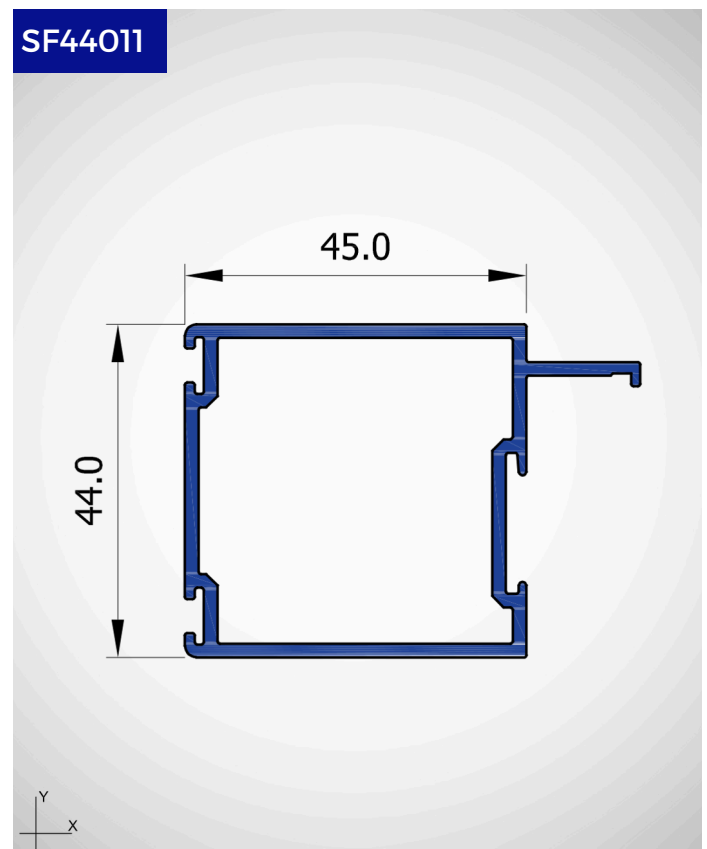
Scale: 1:1 A4

H SHOPFRONT - DOOR STILES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44010	R1 DOOR STILE 45MM	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44011	R3 (WOOLPILE GROOVE) DOOR STILE 45MM	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44012	R12SP (LIP AND WOOLPILE GROOVE) DOOR STILE 45MM	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44020	R11 DOOR STILE 60MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44021	R11 (WOOLPILE GROOVE) DOOR STILE 60MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44022	R11SP (LIP AND WOOLPILE GROOVE) DOOR STILE 60MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44040	R9 DOOR STILE 90MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44041	R9 (WOOLPILE GROOVE) DOOR STILE 90MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44042	R9SP (LIP AND WOOLPILE GROOVE) DOOR STILE 90MM	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



R1 DOOR STILE 45MM
6.50m
INERTIA: Ixx: 12.12 cm⁴ / Iyy: 10.19 cm⁴

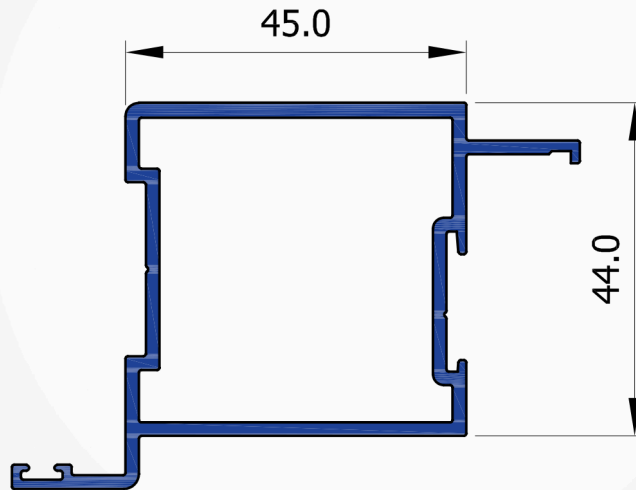


R3 (WOOLPILE GROOVE) DOOR STILE 45MM
6.50m
INERTIA: Ixx: 12.32 cm⁴ / Iyy: 10.24 cm⁴

Scale: 1:1 A4

H SHOPFRONT - DOOR STILES

SF44012

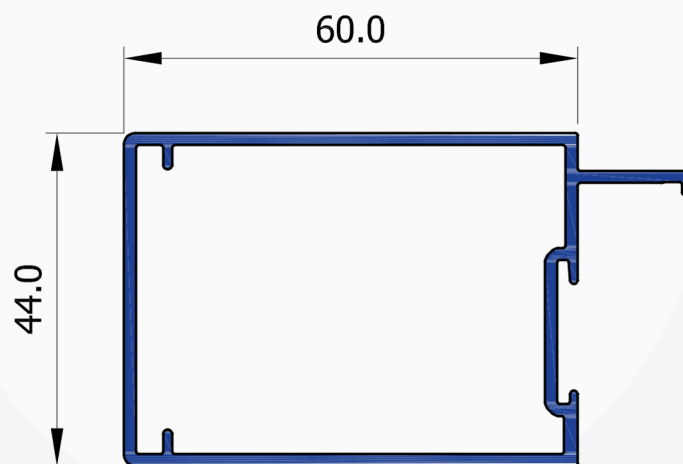


R12SP (LIP AND WOOLPILE GROOVE) DOOR STILE 45MM

6.50m

INERTIA: I_{xx} : 15.42 cm⁴ / I_{yy} : 13.36 cm⁴

SF44020



R11 DOOR STILE 60MM

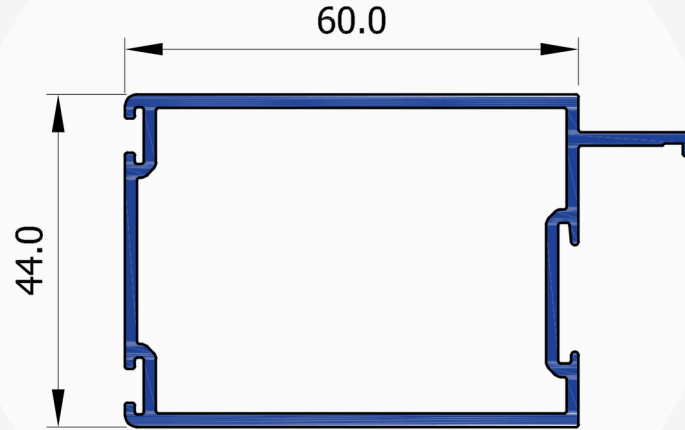
7.25m

INERTIA: I_{xx} : 21.17 cm⁴ / I_{yy} : 11.41 cm⁴

Scale: 1:1 A4

H SHOPFRONT - DOOR STILES

SF44021

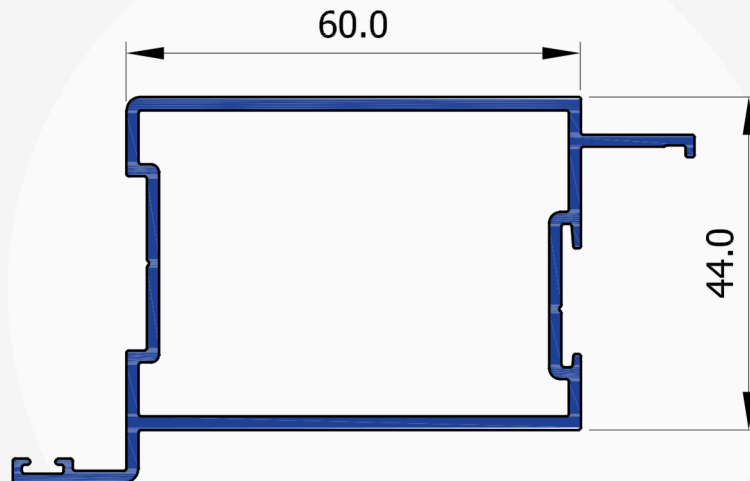


R11 (WOOLPILE GROOVE) DOOR STILE 60MM

7.25m

INERTIA: I_{xx} : 22.53 cm⁴ / I_{yy} : 12.43 cm⁴

SF44022



R11SP (LIP AND WOOLPILE GROOVE) DOOR STILE 60MM

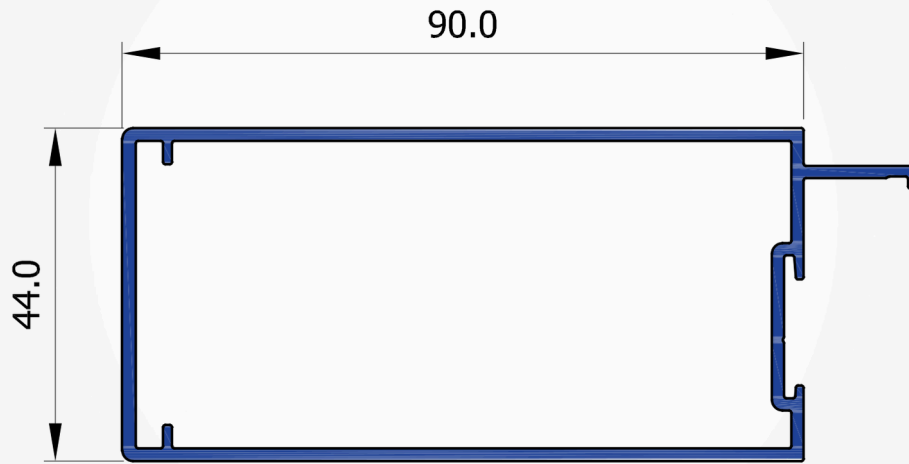
7.25m

INERTIA: I_{xx} : 26.61 cm⁴ / I_{yy} : 14.96 cm⁴

Scale: 1:1 A4

H SHOPFRONT - DOOR STILES

SF44040

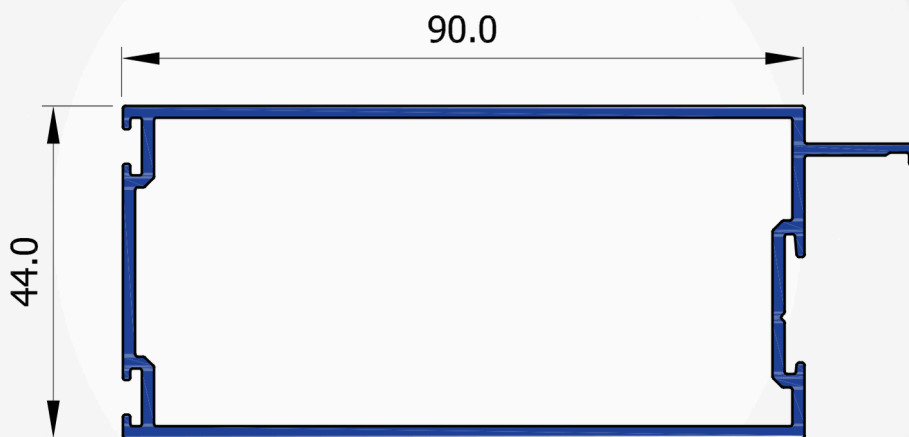


R9 DOOR STILE 90MM

7.25m

INERTIA: Ixx: 56.82 cm⁴ / Iyy: 16.83 cm⁴

SF44041



R9 (WOOLPILE GROOVE) DOOR STILE 90MM

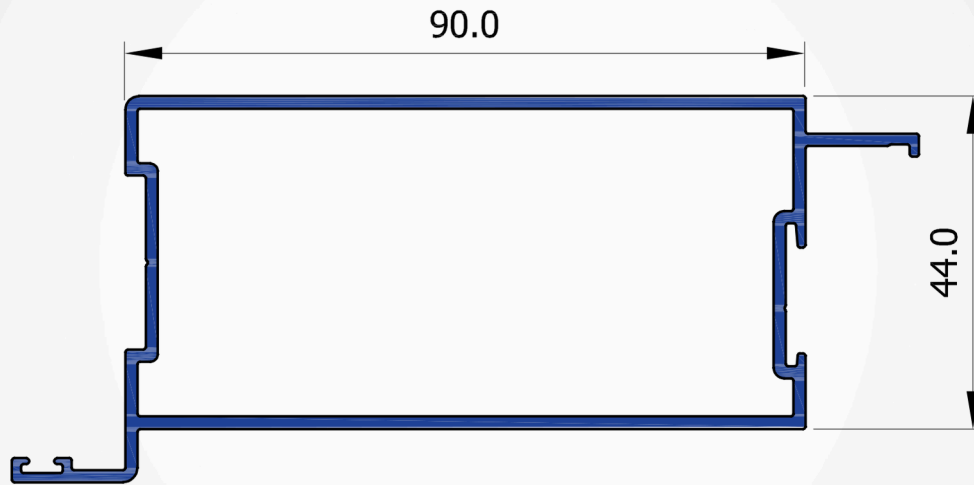
7.25m

INERTIA: Ixx: 57.09 cm⁴ / Iyy: 16.48 cm⁴

Scale: 1:1 A4

H SHOPFRONT - DOOR STILES

SF44042



R9SP (LIP AND WOOLPILE GROOVE) DOOR STILE 90MM

7.25m

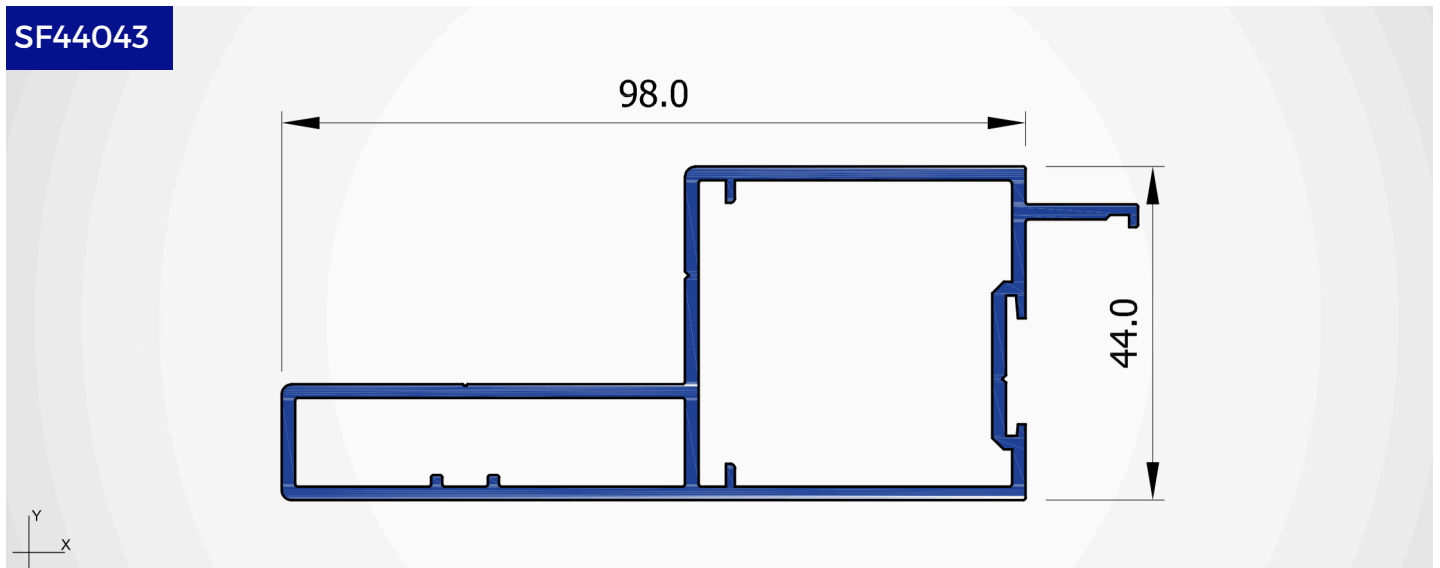
INERTIA: I_{xx} : 65.10 cm⁴ / I_{yy} : 19.10 cm⁴

Scale: 1:1 A4

H SHOPFRONT - MAGLOCK DOOR STILES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44043	MAGLOCK DOORSTILE OPEN	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44044	MAGLOCK DOORSTILE FIXED	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SF44043

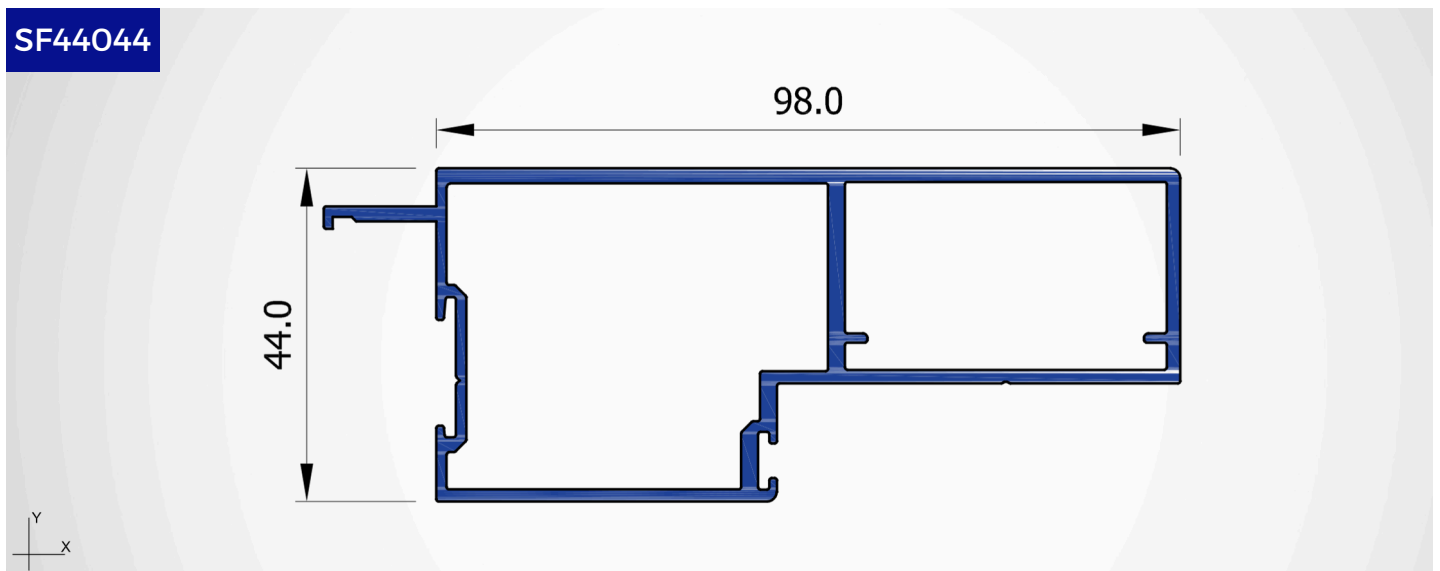


MAGLOCK DOORSTILE OPEN

7.25m

INERTIA: I_{xx} : 57.67 cm⁴ / I_{yy} : 14.46 cm⁴

SF44044



MAGLOCK DOORSTILE FIXED

7.25m

INERTIA: I_{xx} : 63.17 cm⁴ / I_{yy} : 14.23 cm⁴

*NON STOCK ITEM.

*SPECIAL ORDER FOR BOTH MAGLOCK OPTIONS. LEAD TIME MAY VARY UPON AVAILABILITY.

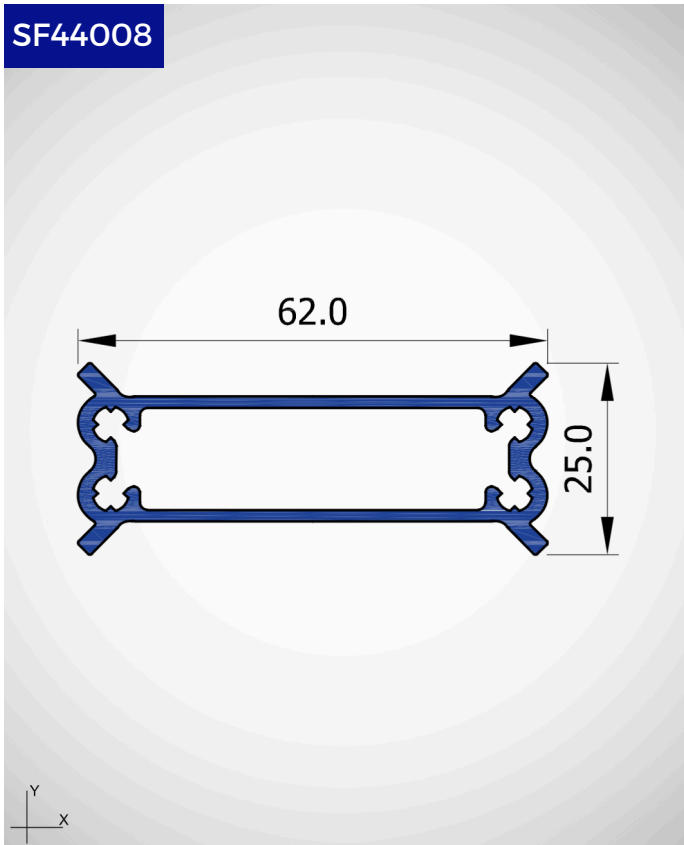
*STOCKED IN MILL, POWDER COAT ON REQUEST.

Scale: 1:1 A4

H SHOPFRONT - SPIGOT

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44008	SPIGOT 26 FRAME	6.50	MF	-
SF44009	SPIGOT DOOR	5.98	MF	-

SF44008

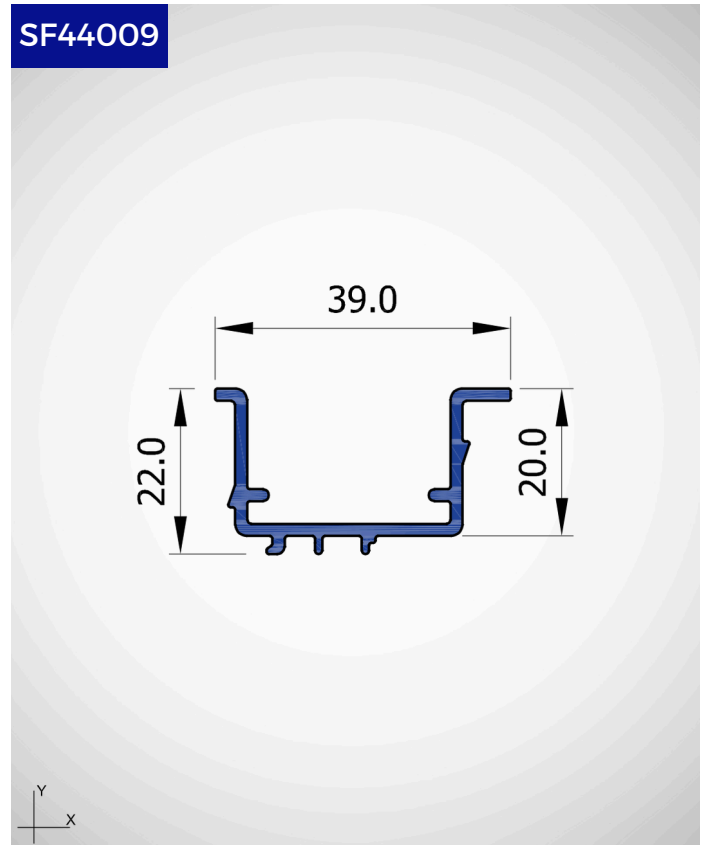


SPIGOT 26 FRAME

6.50m

INERTIA: Ixx: 16.49 cm⁴ / Iyy: 1.69 cm⁴

SF44009



SPIGOT DOOR

5.98m

INERTIA: Ixx: 0.77 cm⁴ / Iyy: 3.12 cm⁴

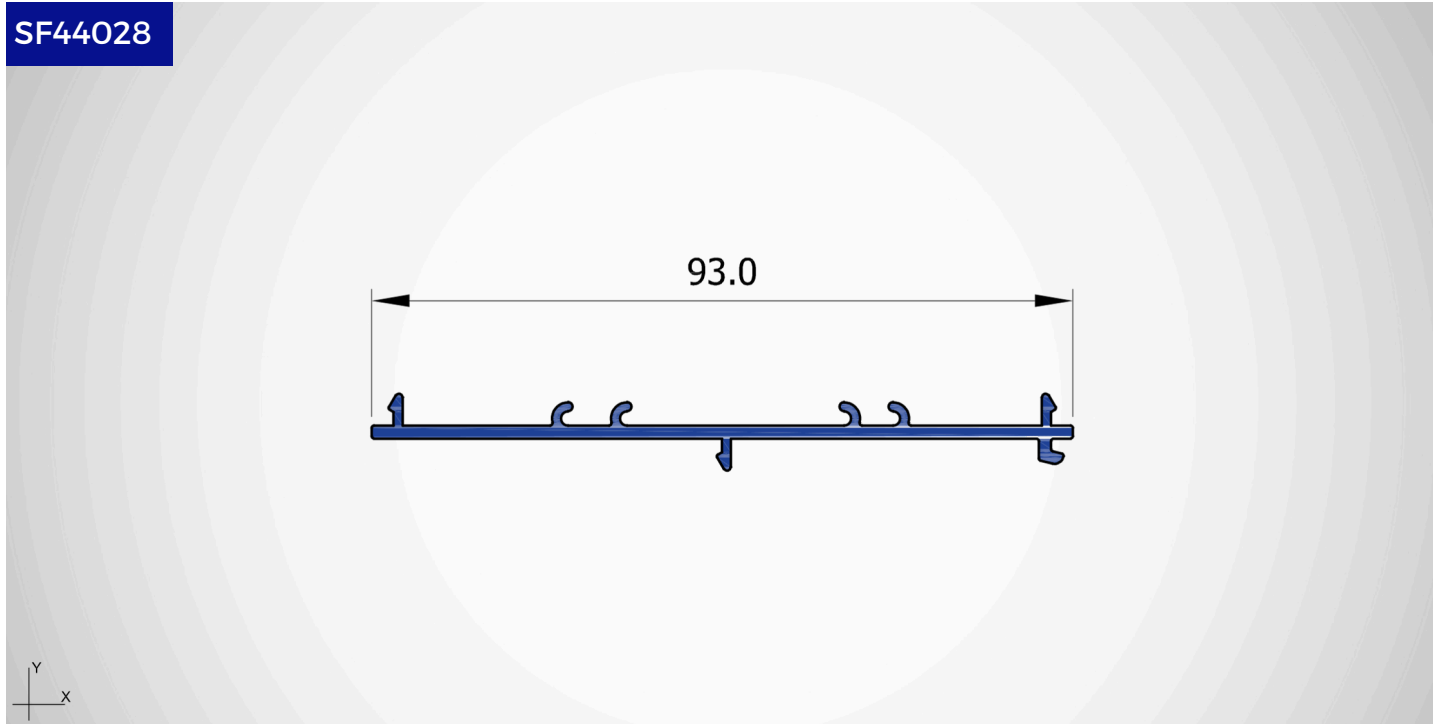
*ALSO SUPPLIED IN CUT VERSIONS IN PACKS OF 100 UNITS:

- SFS001 - SHOPFRONT SPIGOT CUT
- SFS002 - R4 SPIGOT CUT
- SFS003 - R1 SPIGOT CUT

Scale: 1:1 A4

H SHOPFRONT - FIXING LUG

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44028	UNIVERSAL FIXING LUG	5.98	MF	-



UNIVERSAL FIXING LUG

5.98m

INERTIA: Ixx: 0.04 cm⁴ / Iyy: 15.12 cm⁴

*ALSO SUPPLIED IN CUT VERSIONS IN PACKS OF 100 UNITS:

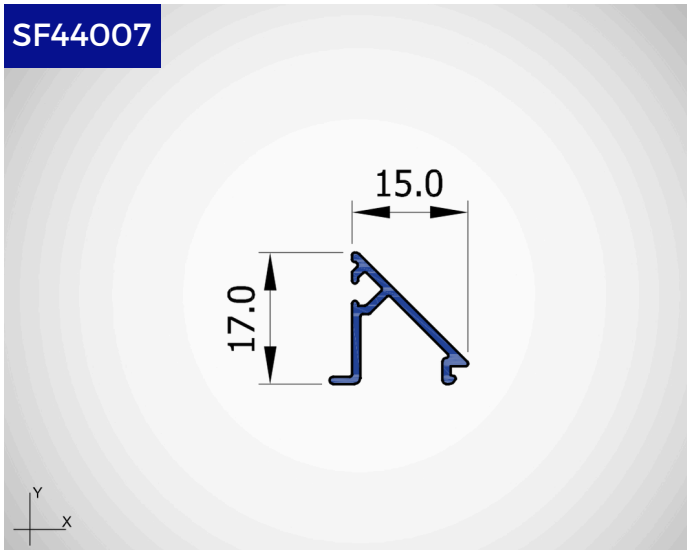
- CFLU - CUT FIXING LUG UNIVERSAL

Scale: 1:1 A4

H SHOPFRONT - BEADS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44007	SLOPING BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44407	DOUBLE GLAZING BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44417	SQUARE BEAD	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SF44007



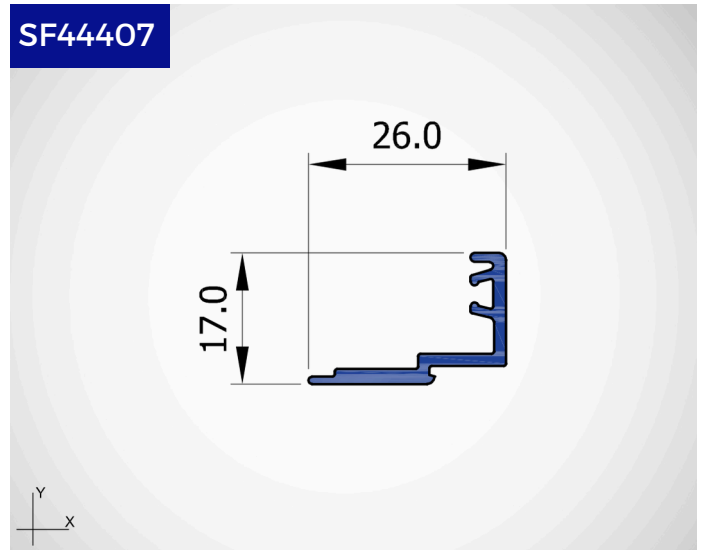
SLOPING BEAD

5.98m

INERTIA: I_{xx} : 0.12 cm⁴ / I_{yy} : 0.13 cm⁴

Glazing Cavity: 12.8mm

SF44407



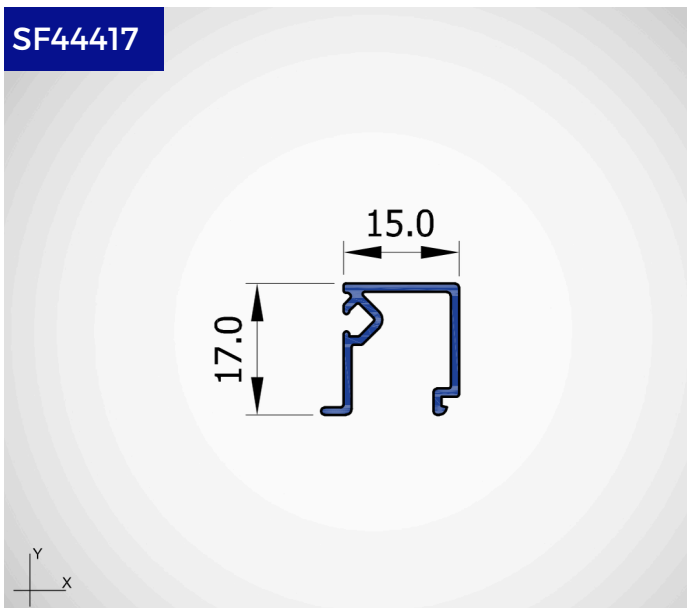
DOUBLE GLAZING BEAD

5.98m

INERTIA: I_{xx} : 0.24 cm⁴ / I_{yy} : 0.47 cm⁴

Glazing Cavity: 31.1mm

SF44417



SQUARE BEAD

5.98m

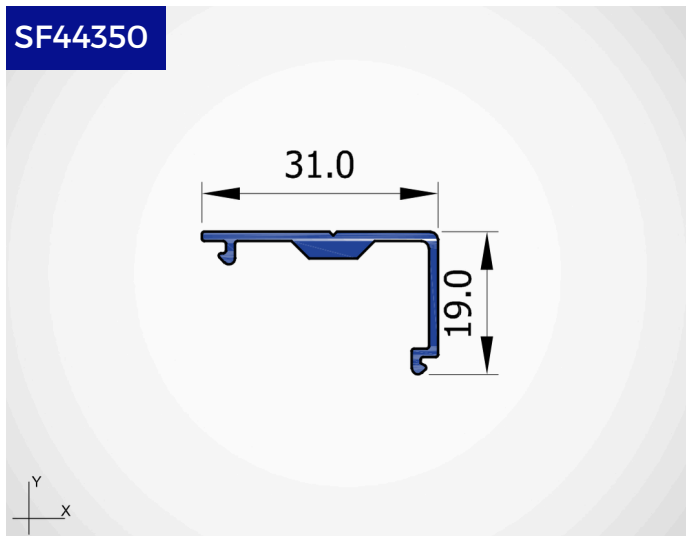
INERTIA: I_{xx} : 0.22 cm⁴ / I_{yy} : 0.24 cm⁴

Glazing Cavity: 12.8mm

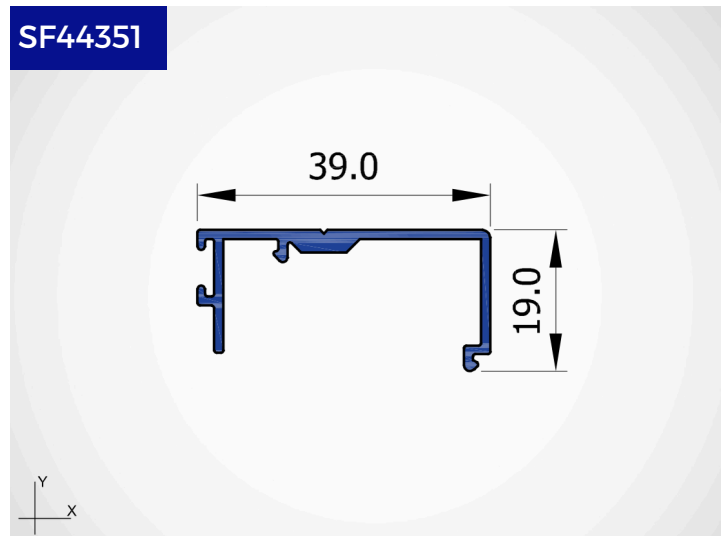
Scale: 1:1 A4

H SHOPFRONT - INWARD OPENING ADAPTOR

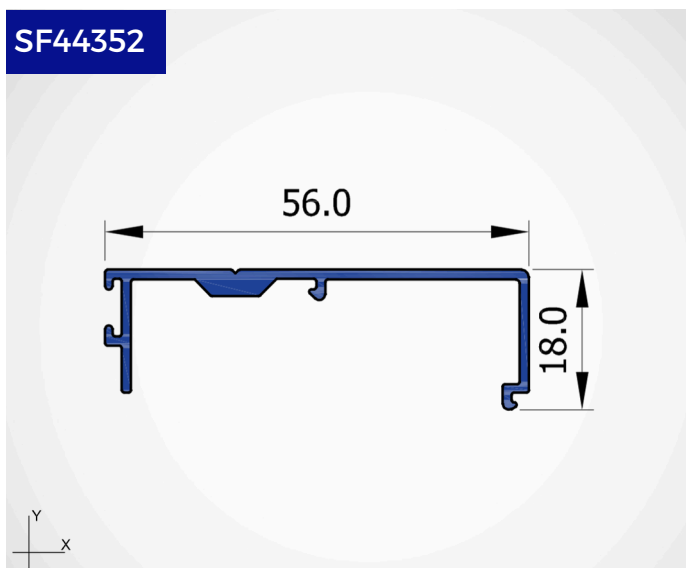
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44350	ADAPTOR FOR 95MM FRAME	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44351	ADAPTOR (WOOLPILE GROOVE) FOR 105MM FRAME	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44352	ADAPTOR (WOOLPILE GROOVE) FOR 120MM FRAME	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44354	ADAPTOR (WOOLPILE GROOVE) FOR 150MM FRAME	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



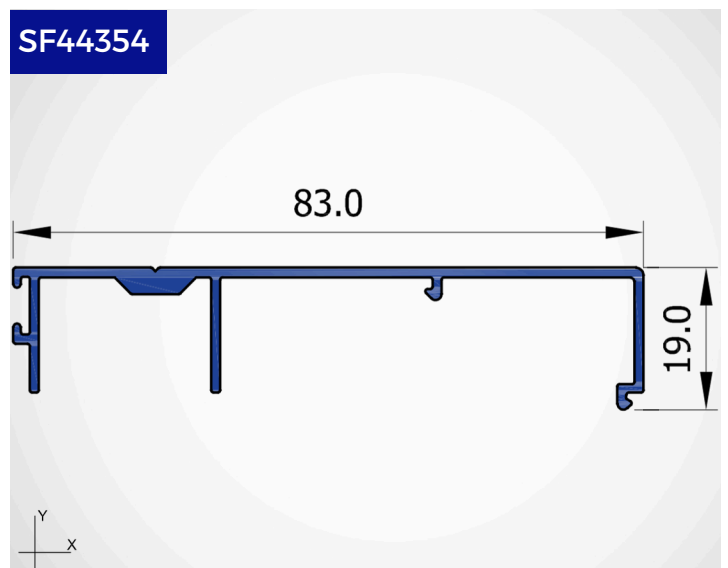
SF44350
ADAPTOR FOR 95MM FRAME
 5.98m
 INERTIA: Ixx: 0.22 cm⁴ / Iyy: 0.76 cm⁴



SF44351
ADAPTOR (WOOLPILE GROOVE) FOR 105MM FRAME
 5.98m
 INERTIA: Ixx: 0.31 cm⁴ / Iyy: 2.08 cm⁴



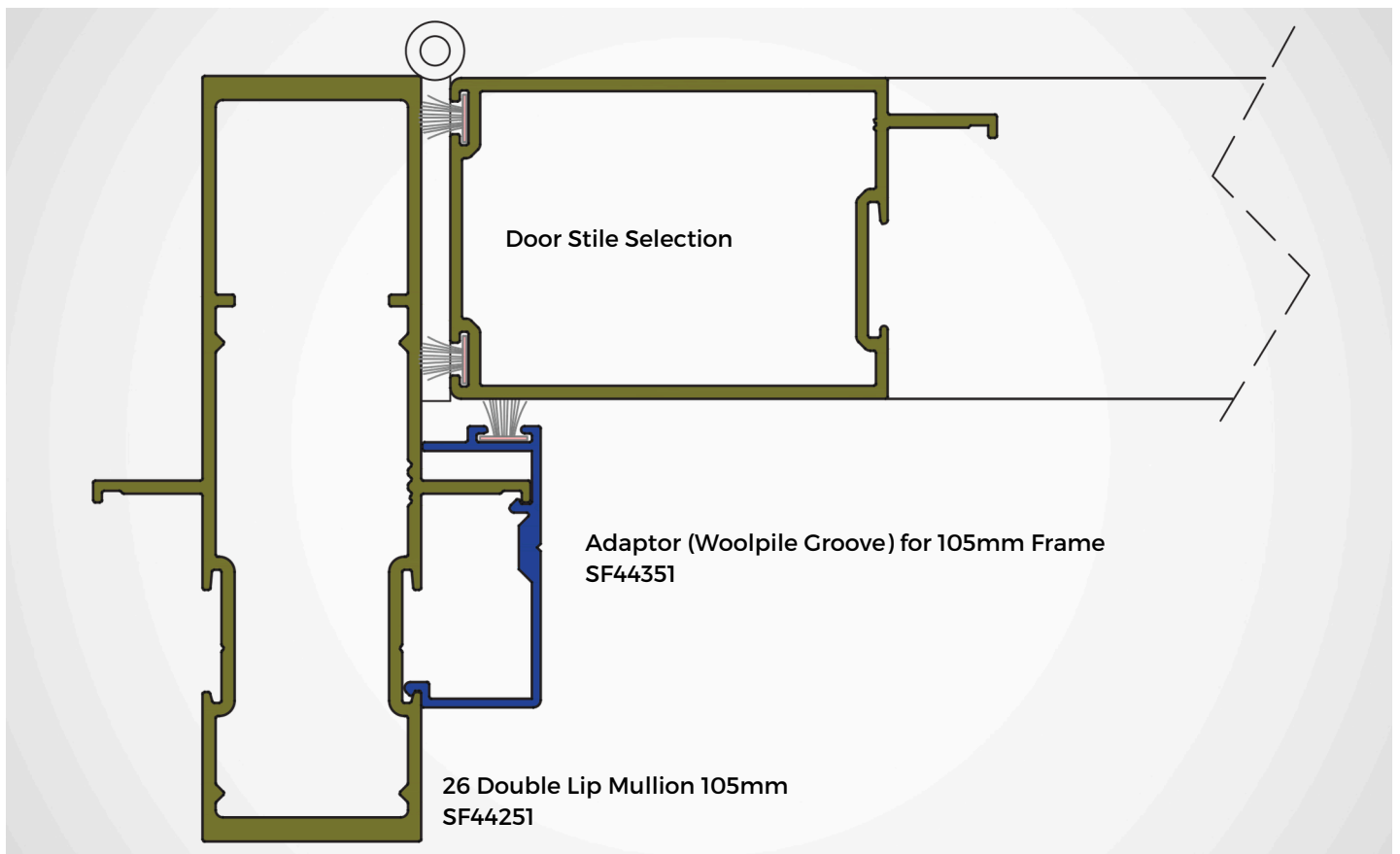
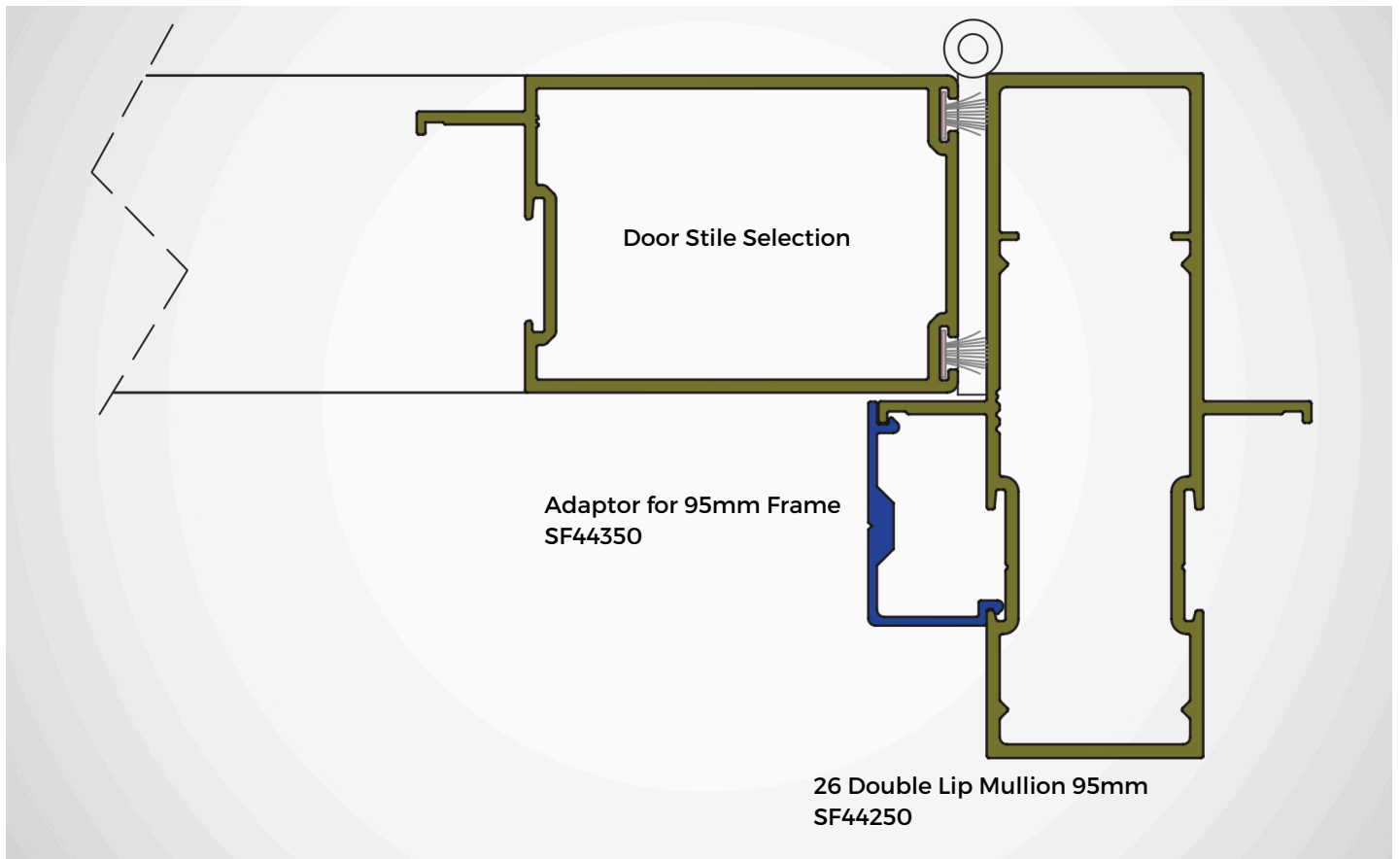
SF44352
ADAPTOR (WOOLPILE GROOVE) FOR 120MM FRAME
 5.98m
 INERTIA: Ixx: 0.35 cm⁴ / Iyy: 8.11 cm⁴



SF44354
ADAPTOR (WOOLPILE GROOVE) FOR 150MM FRAME
 6.50m
 INERTIA: Ixx: 0.46 cm⁴ / Iyy: 15.11 cm⁴

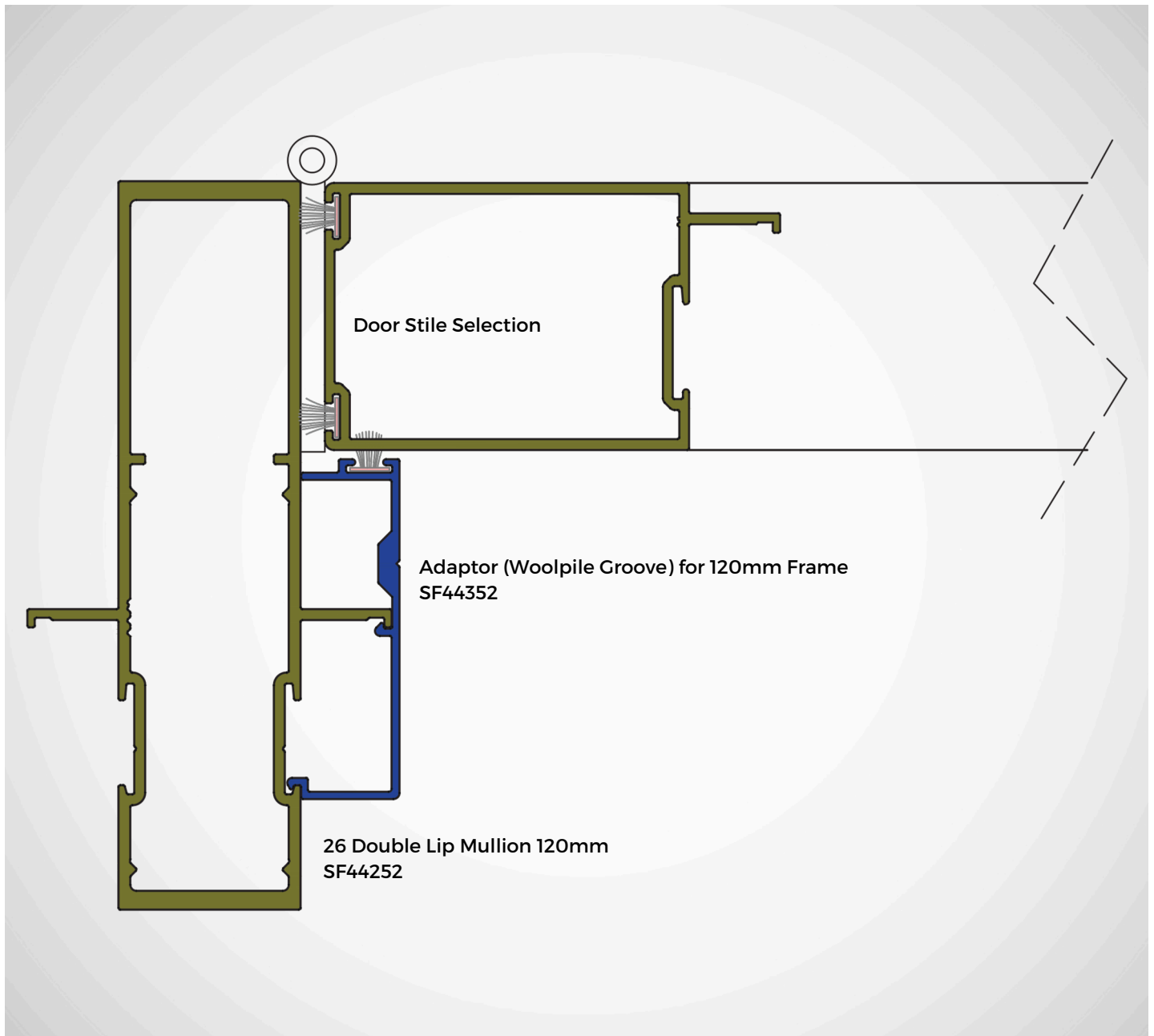
Scale: 1:1 A4

H SHOPFRONT - ADAPTOR ASSEMBLIES



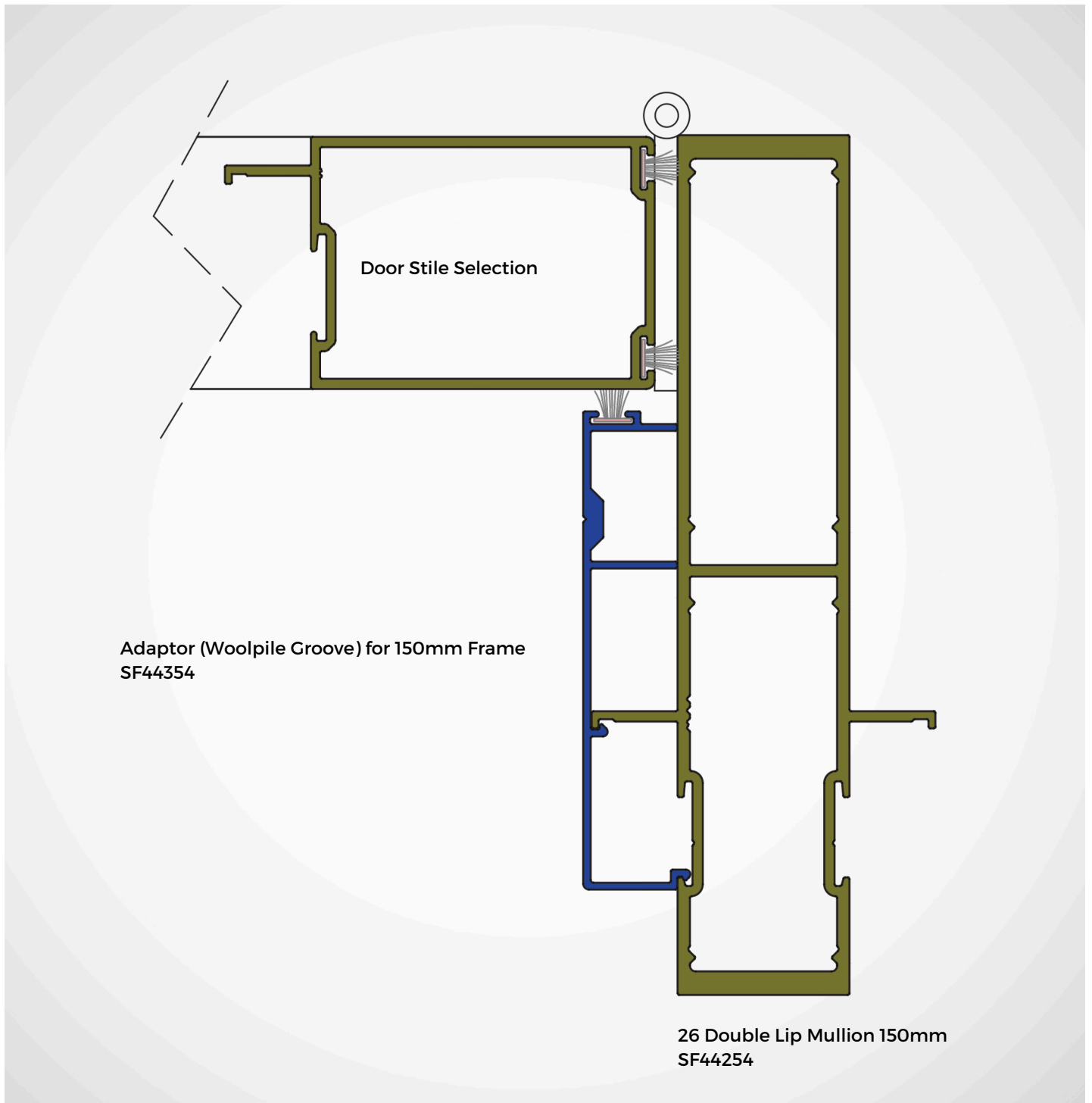
Scale: 1:1 A4

H SHOPFRONT - ADAPTOR ASSEMBLIES



Scale: 1:1 A4

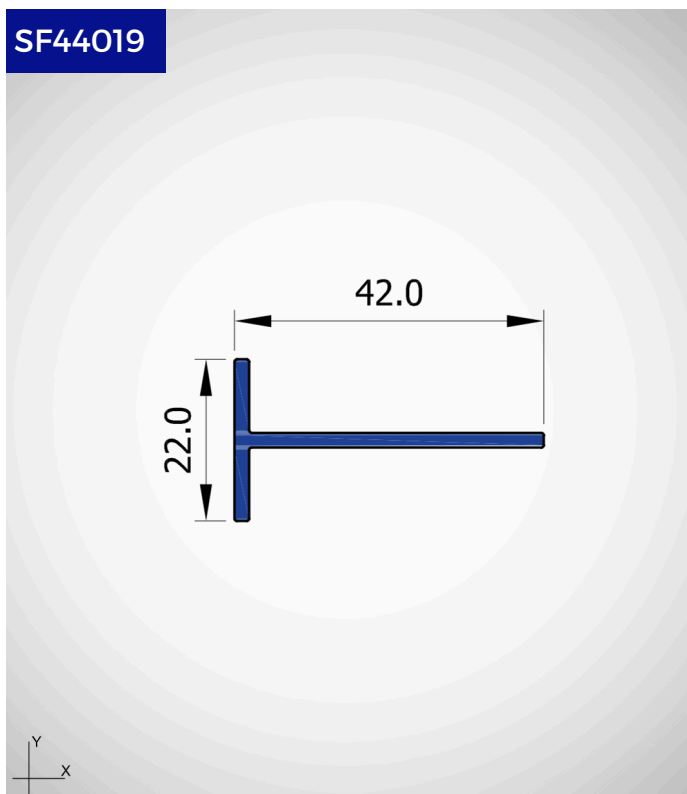
H SHOPFRONT - ADAPTOR ASSEMBLIES



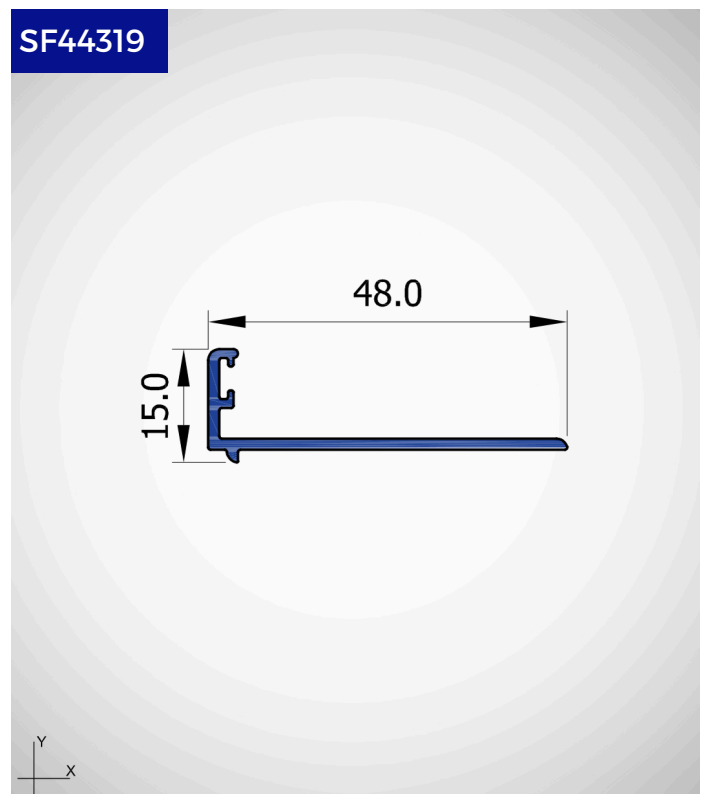
Scale: 1:1 A4

H SHOPFRONT - ADAPTORS & FILLERS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44019	ASTRAGAL T	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44319	ASTRAGAL T WITH WOOLPILE GROOVE	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44317	GLAZING ADAPTOR	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44017	R4 FILLER	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44006	26B ADAPTOR (WOOLPILE GROOVE)	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44033	COLONIAL BAR OSBORNE 24.8MM X 4.2MM	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44581A	FLYSCREEN ADAPTOR PART A	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44581B	FLYSCREEN ADAPTOR PART B	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44360	WOOLPILE ADAPTOR FOR DOORS	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



ASTRAGAL T
6.50m
INERTIA: Ixx: 0.18 cm⁴ / Iyy: 2.32 cm⁴

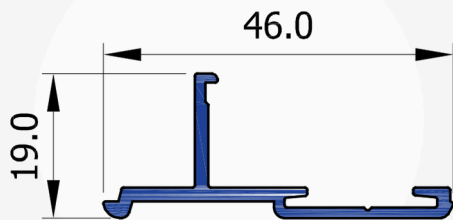


ASTRAGAL T WITH WOOLPILE GROOVE
6.50m
INERTIA: Ixx: 0.13 cm⁴ / Iyy: 2.32 cm⁴

Scale: 1:1 A4

H SHOPFRONT - ADAPTORS & FILLERS

SF44317

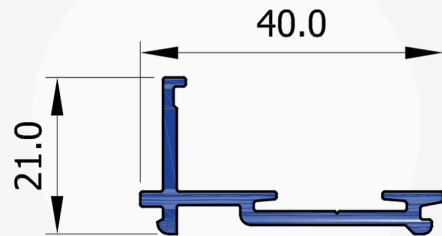


GLAZING ADAPTOR

5.98m

INERTIA: Ixx: 0.26 cm⁴ / Iyy: 1.95 cm⁴

SF44017

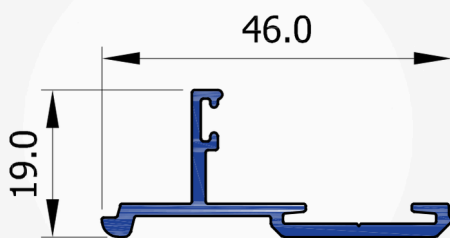


R4 FILLER

5.98m

INERTIA: Ixx: 0.29 cm⁴ / Iyy: 2.07 cm⁴

SF44006

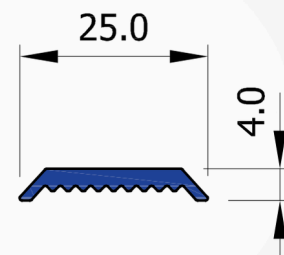


26B ADAPTOR (WOOLPILE GROOVE)

5.98m

INERTIA: Ixx: 0.30 cm⁴ / Iyy: 2.05 cm⁴

SF44033



COLONIAL BAR OSBORNE 24.8MM X 4.2MM

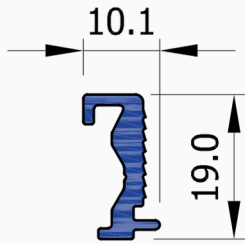
5.98m

INERTIA: Ixx: 0.01 cm⁴ / Iyy: 0.25 cm⁴

Scale: 1:1 A4

H SHOPFRONT - ADAPTORS & FILLERS

SF44581A

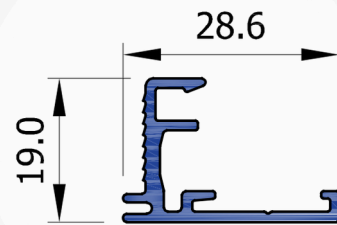


FLYSCREEN ADAPTOR PART A

5.98m

INERTIA: I_{xx} : 0.283 cm⁴ / I_{yy} : 0.030 cm⁴

SF44581B

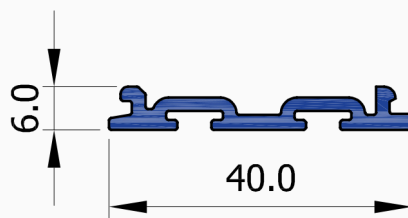


FLYSCREEN ADAPTOR PART B

5.98m

INERTIA: I_{xx} : 0.399 cm⁴ / I_{yy} : 0.632 cm⁴

SF44360



WOOLPILE ADAPTOR FOR DOORS

7.25m

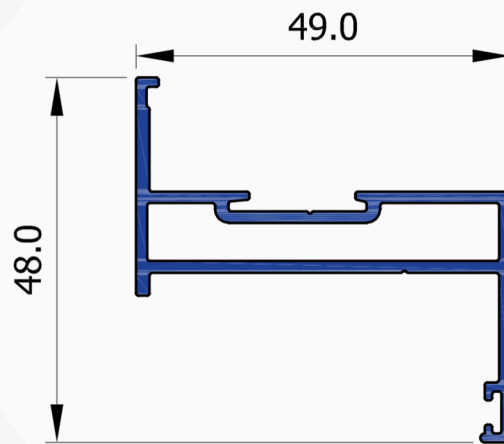
INERTIA: I_{xx} : 0.02 cm⁴ / I_{yy} : 1.67 cm⁴

Scale: 1:1 A4

H SHOPFRONT - SASHES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44411	SHOPFRONT SASH	5.98	BE, BZE, CH, SE, WE, NAR, NA, MF	PC1, PC2, PC3

SF44411



SHOPFRONT SASH

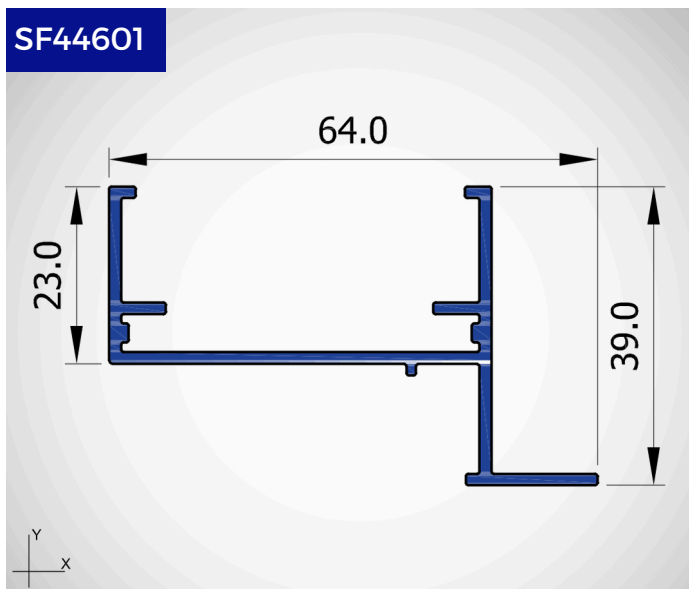
5.98m

INERTIA: I_{xx} : 2.16 cm⁴ / I_{yy} : 8.60 cm⁴

Scale: 1:1 A4

H SHOPFRONT - FG FIXED PANELS

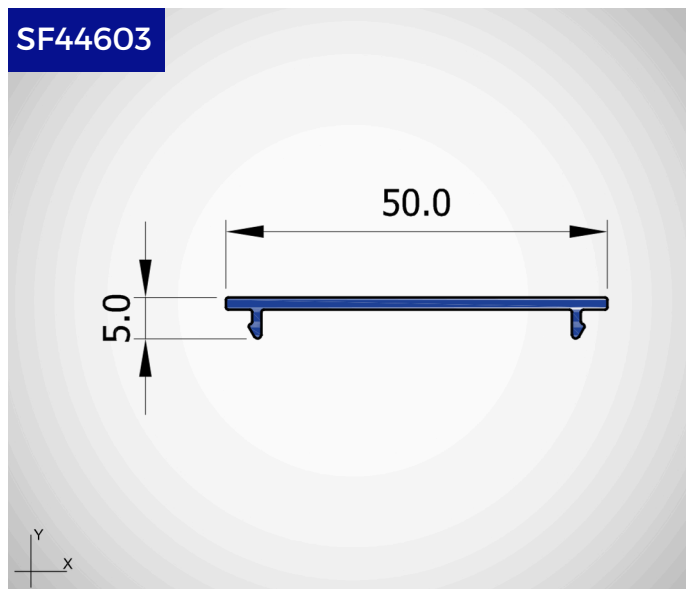
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44601	FLUSH GLAZED PANEL FRAME SINGLE GLAZED	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44602	FLUSH GLAZED PANEL FRAME DOUBLE GLAZED	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44603	FLUSH GLAZING COVER	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



FLUSH GLAZED PANEL FRAME SINGLE GLAZED

6.50m

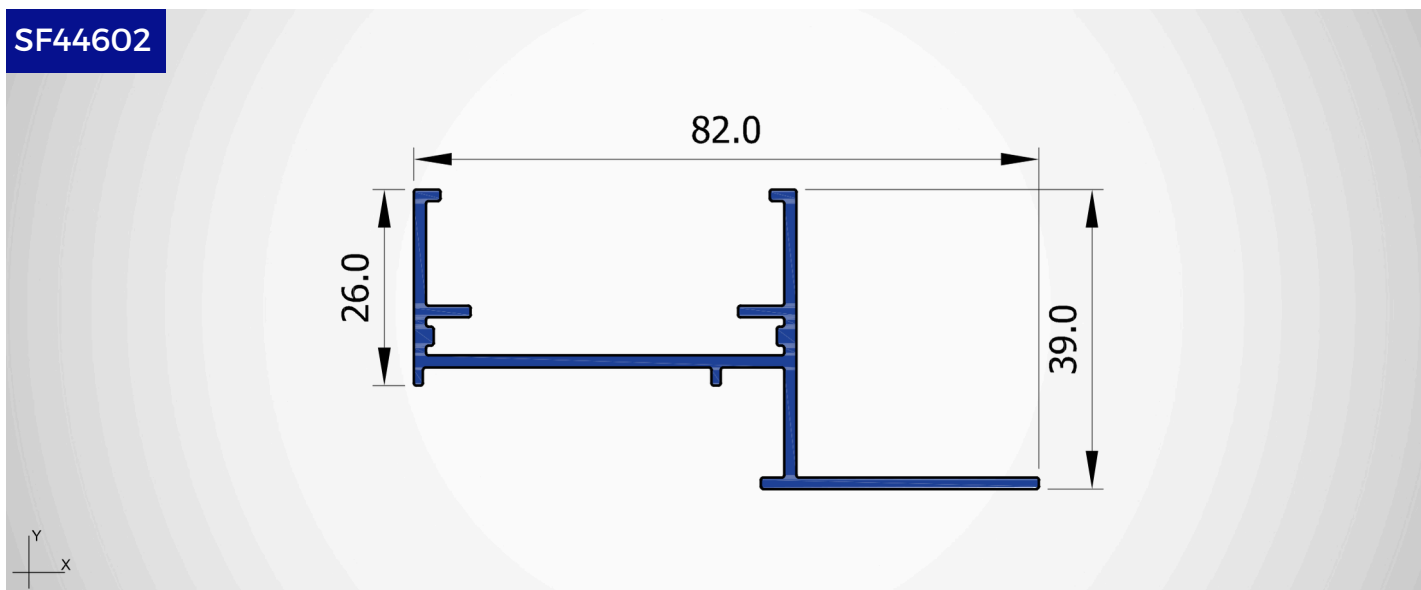
INERTIA: Ixx: 2.35 cm⁴ / Iyy: 10.30 cm⁴



FLUSH GLAZING COVER

6.50m

INERTIA: Ixx: 0.01 cm⁴ / Iyy: 2.15 cm⁴



FLUSH GLAZED PANEL FRAME DOUBLE GLAZED

6.50m

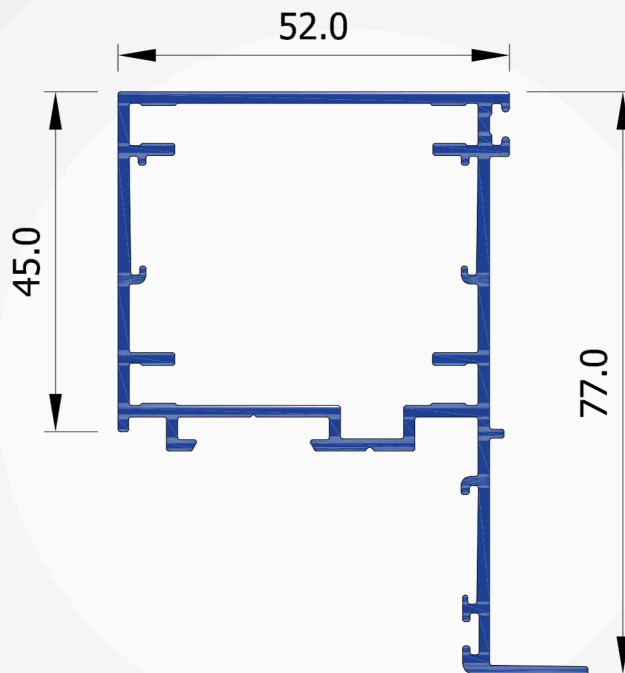
INERTIA: Ixx: 3.20 cm⁴ / Iyy: 15.04 cm⁴

Scale: 1:1 A4

H SHOPFRONT - FG SASHES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44604	SINGLE FLUSH GLAZED SASH	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44605	DOUBLE FLUSH GLAZED SASH	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44606	FLUSH GLAZED REBATE ADAPTOR	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SF44604



SINGLE FLUSH GLAZED SASH

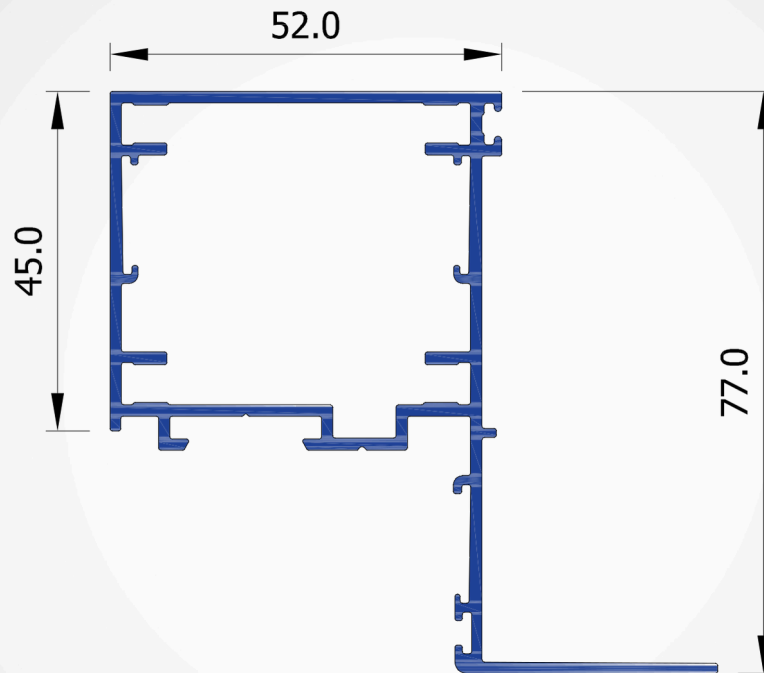
5.98m

INERTIA: Ixx: 23.24 cm⁴ / Iyy: 17.45 cm⁴

Scale: 1:1 A4

H SHOPFRONT - FG SASHES

SF44605

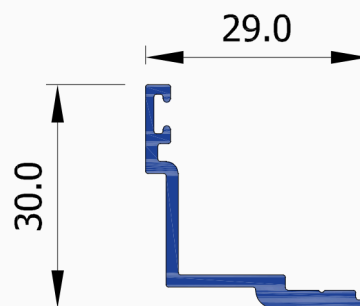


DOUBLE FLUSH GLAZED SASH

5.98m

INERTIA: I_{xx} : 28.91 cm⁴ / I_{yy} : 21.79 cm⁴

SF44606



FLUSH GLAZED REBATE ADAPTOR

5.98m

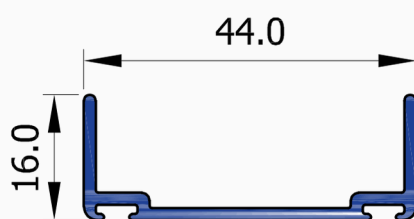
INERTIA: I_{xx} : 0.89 cm⁴ / I_{yy} : 0.84 cm⁴

Scale: 1:1 A4

H SHOPFRONT - PIVOT DOOR ADAPTORS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44998	PIVOT DOOR HEAD ADAPTOR	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44997	PIVOT DOOR STILE ADAPTOR	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SF44998

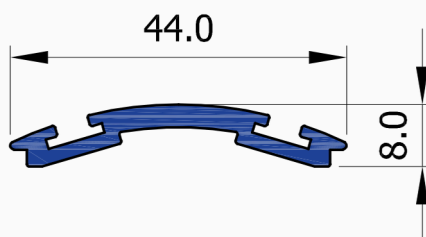


PIVOT DOOR HEAD ADAPTOR

6.50m

INERTIA: Ixx: 0.26 cm⁴ / Iyy: 3.42 cm⁴

SF44997



PIVOT DOOR STILE ADAPTOR

6.50m

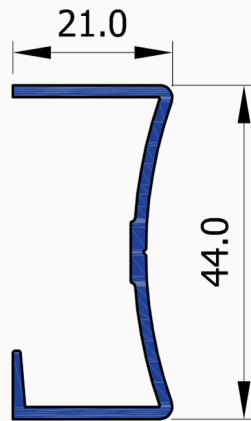
INERTIA: Ixx: 0.06 cm⁴ / Iyy: 2.12 cm⁴

Scale: 1:1 A4

H SHOPFRONT - SWING DOOR ADAPTOR

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44027	SWING DOOR ADAPTOR	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SF44027



SWING DOOR ADAPTOR

6.50m

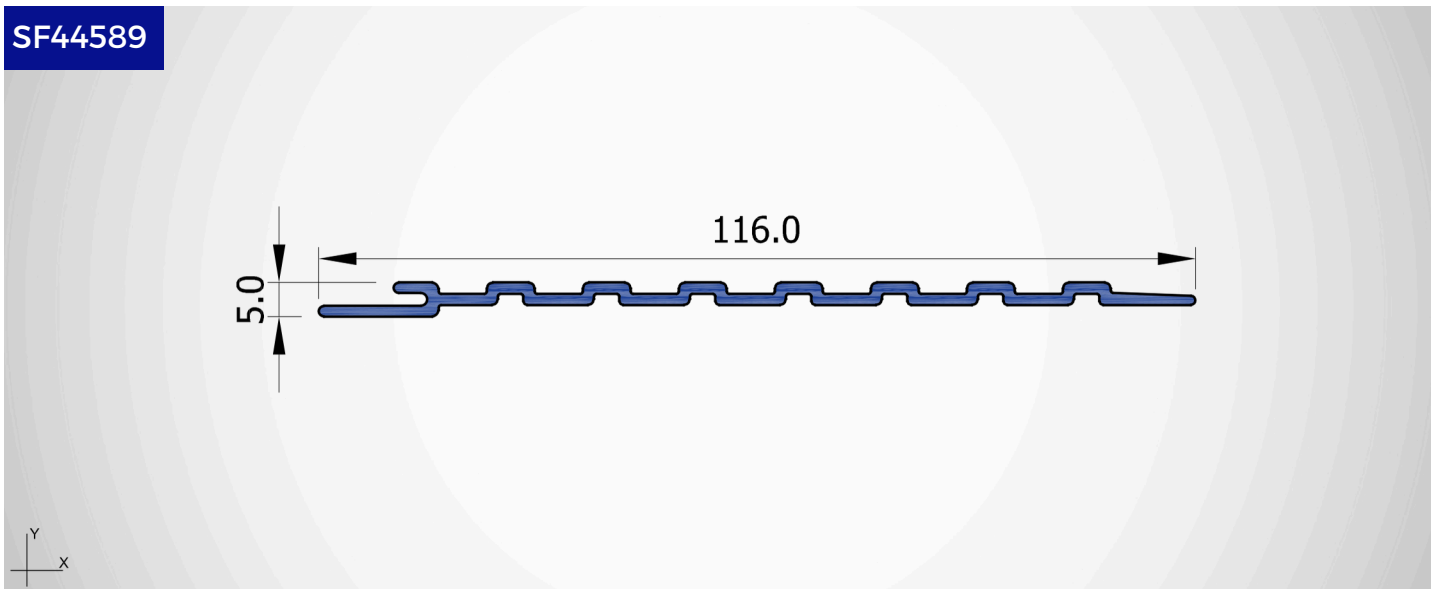
INERTIA: I_{xx} : 0.60 cm⁴ / I_{yy} : 4.10 cm⁴

Scale: 1:1 A4

H SHOPFRONT - CLADDING

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44589	R19 SPECIAL CLADDING	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44590	BOX CLADDING 123MM X 9MM	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SF44589

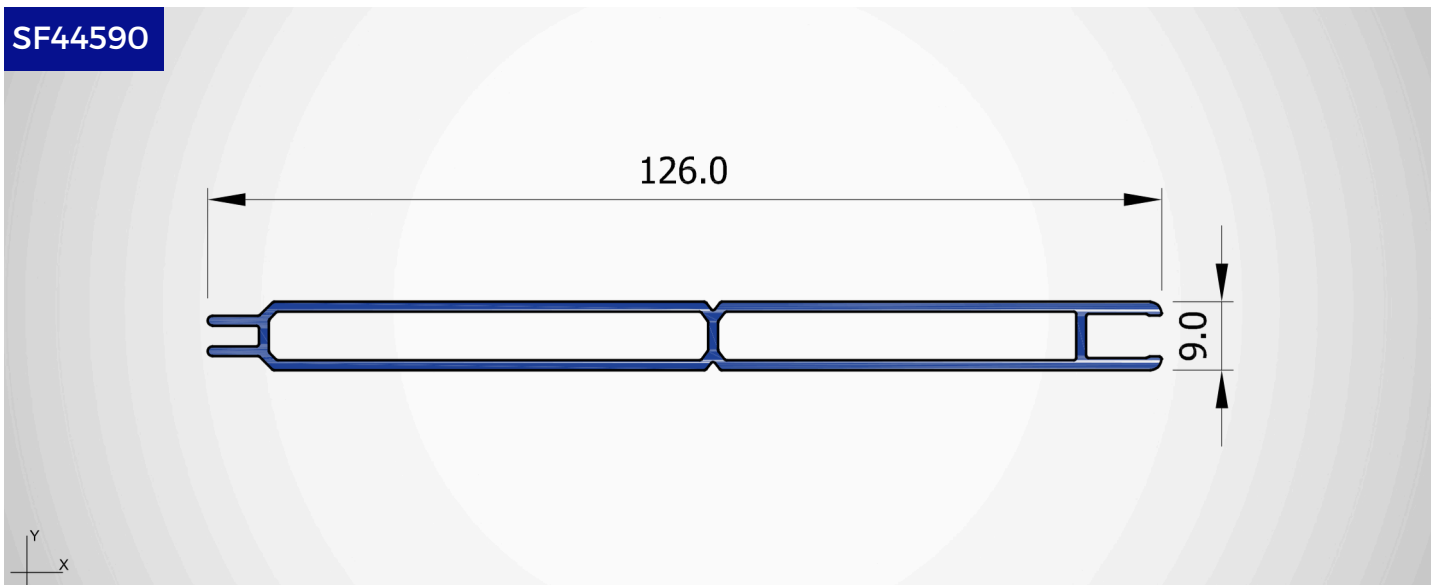


R19 SPECIAL CLADDING

6.50m

INERTIA: Ixx: 0.02 cm⁴ / Iyy: 22.78 cm⁴

SF44590



BOX CLADDING 123MM X 9MM

5.98m

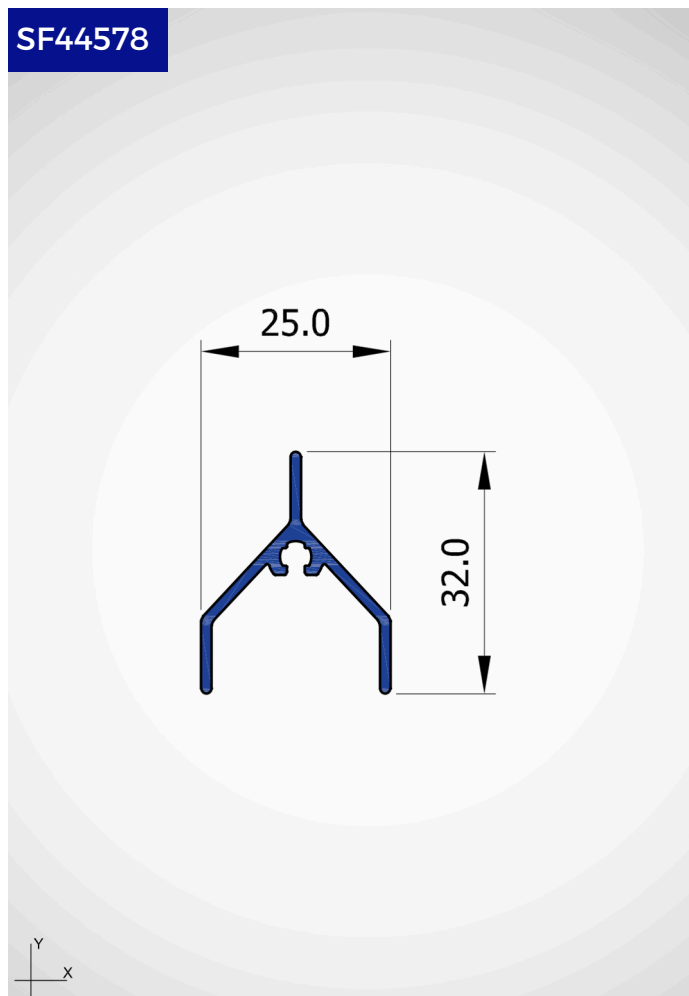
INERTIA: Ixx: 0.48 cm⁴ / Iyy: 49.24 cm⁴

Scale: 1:1 A4

H SHOPFRONT - FRAME & LOUVRES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SF44578	Y LOUVRE BLADE	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44579	Y LOUVRE FRAME	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SF44580	LAZY Z LOUVRE SHOPFRONT	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SF44578

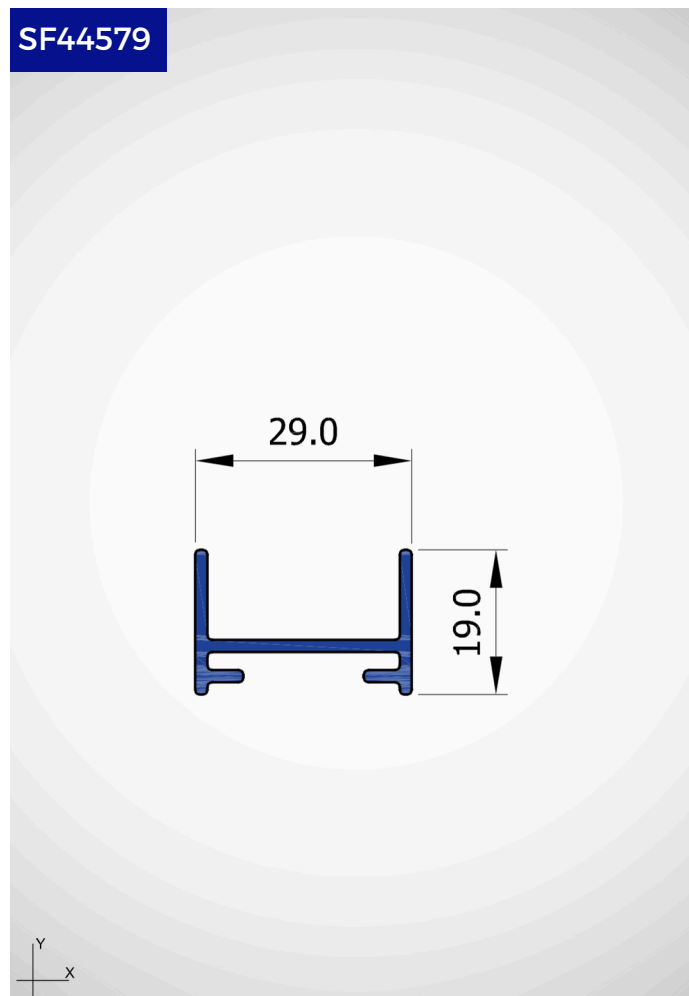


Y LOUVRE BLADE

5.98m

INERTIA: I_{xx} : 0.57 cm⁴ / I_{yy} : 0.60 cm⁴

SF44579



Y LOUVRE FRAME

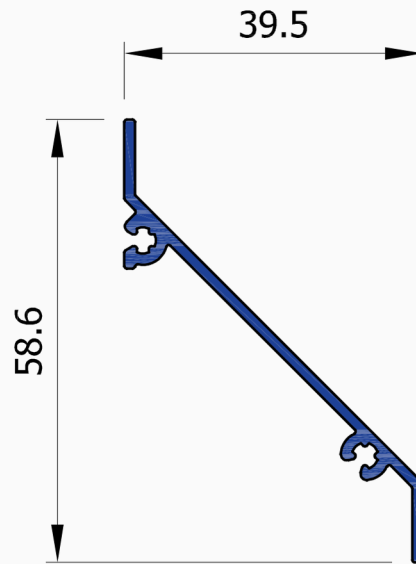
6.50m

INERTIA: I_{xx} : 0.25 cm⁴ / I_{yy} : 1.49 cm⁴

Scale: 1:1 A4

H SHOPFRONT - FRAME & LOUVRES

SF44580



LAZY Z LOUVRE SHOPFRONT
6.50m
INERTIA: I_{xx} : 5.27 cm⁴ / I_{yy} : 2.82 cm⁴

Scale: 1:1 A4

TECHNICAL INFORMATION

DESCRIPTION & PURPOSE

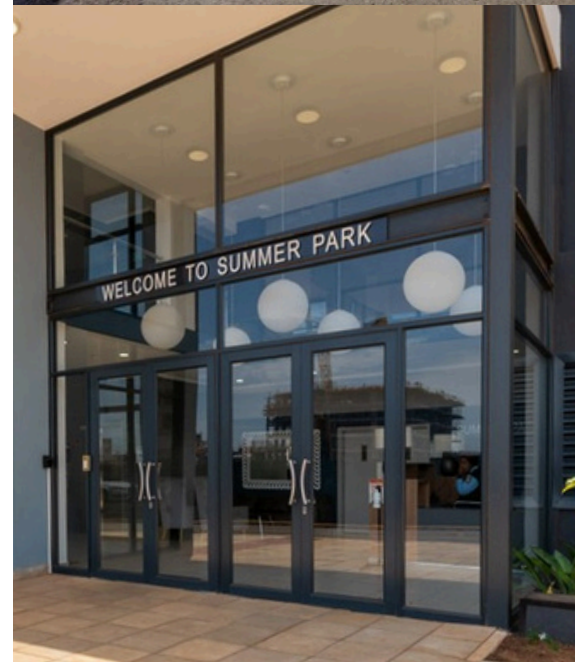
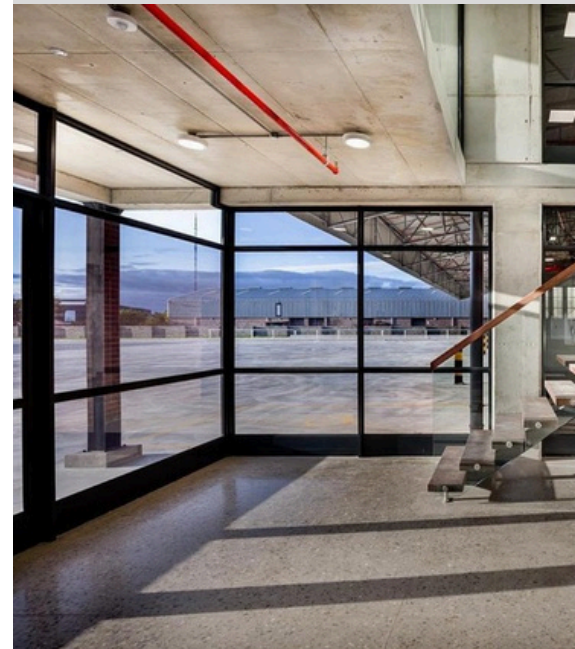
A shopfront is the façade or entryway of a retail store, typically includes one or more display windows and doors. H Shopfront is a suitable system to close off such reveals at an affordable price. The H Shopfront provides door (Pivot & Hinged) and window configurations.

BENEFITS OF H SHOPFRONT:

- Configuration: H Shopfront is flush glazing capable.
- Standard colours: H Shopfront material is stocked in mill finish, white, black, bronze, silver and charcoal.
- Special colours: A wide range of custom powder coating options are available, with a minimum lead time of 20 working days. Providing you with endless possibilities to bring your vision to life.

ADDITIONAL FEATURES

- H Shopfront is capable of catering for 4mm – 8mm single glazing glass, and from 20mm – 27mm double glazing glass units.
- A range of five mullions (75mm, 95mm, 105mm, 120mm and 150mm) are available to cater for different heights.
- 130mm mullion can be requested as a special order.
- Various adaptors, fillers and inserts makes H Shopfront able to serve a wide variety of applications.
- Multiple door profiles are available to meet the clients' specific requirements.
- A sash profile, to add a window in the screen, is available.
- Louvres ('Y' and 'Z') can be integrated into a H Shopfront, to allow for ventilation.
- Various cost effective PVC Gaskets are available.
- The Santoprene Gasket Range can be requested as a special order.





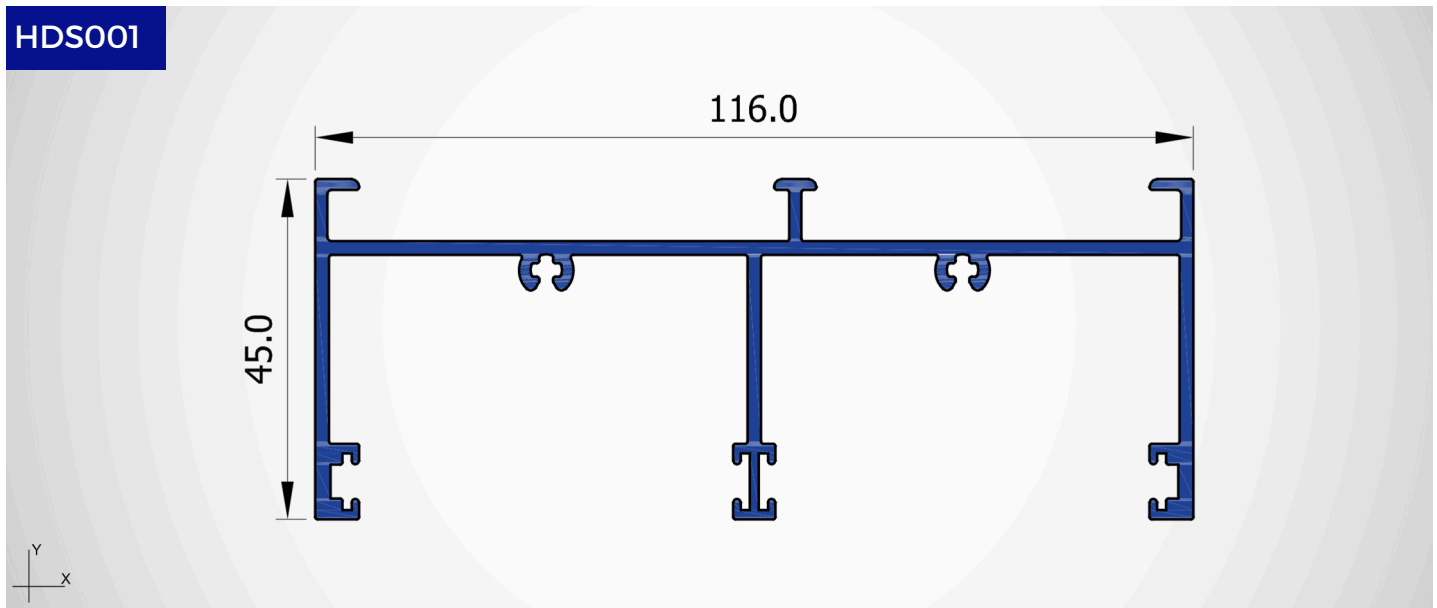
HEAVY DUTY SLIDER

HERITAGE
BY H SYSTEMS

HDS - DOUBLE HEAD, CILL & JAMB

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS001	H/DUTY SLIDER 'H' DOUBLE HEAD	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS004	H/DUTY SLIDER 'H' DOUBLE CILL	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS007	H/DUTY SLIDER 'H' DOUBLE BOX JAMB	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

HDS001

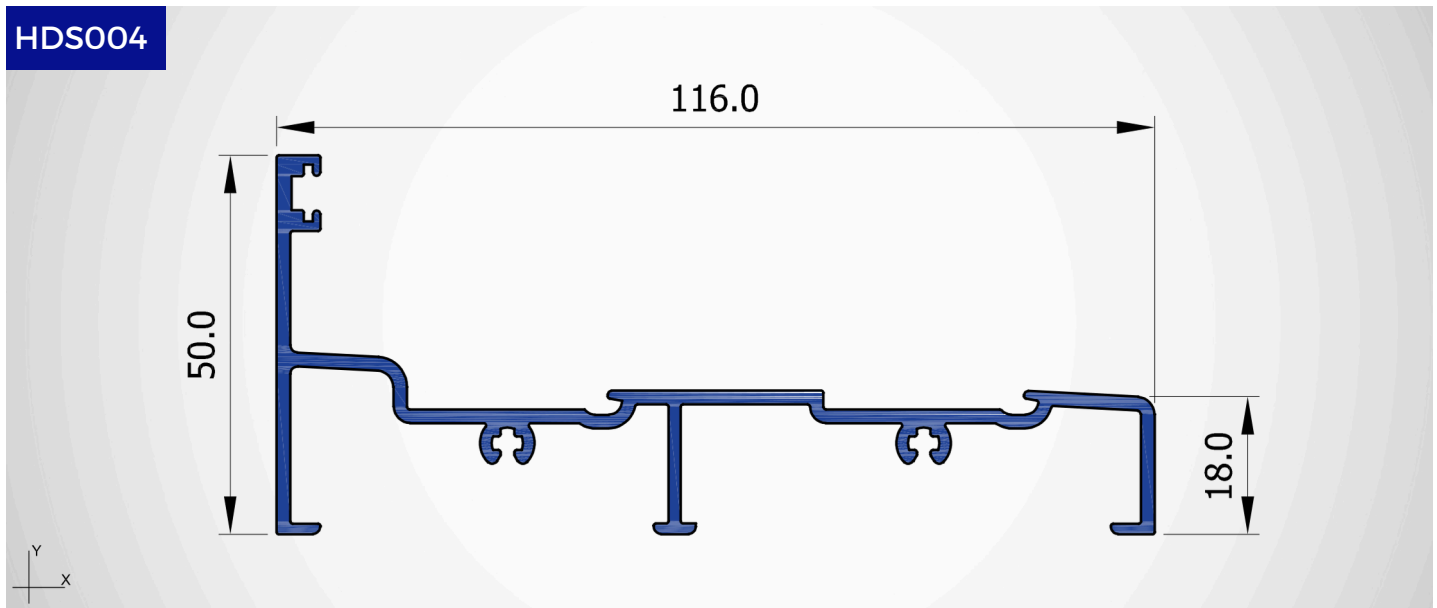


H/DUTY SLIDER 'H' DOUBLE HEAD

6.50m

INERTIA: Ixx: 90.50 cm⁴ / Iyy: 9.11 cm⁴

HDS004



H/DUTY SLIDER 'H' DOUBLE CILL

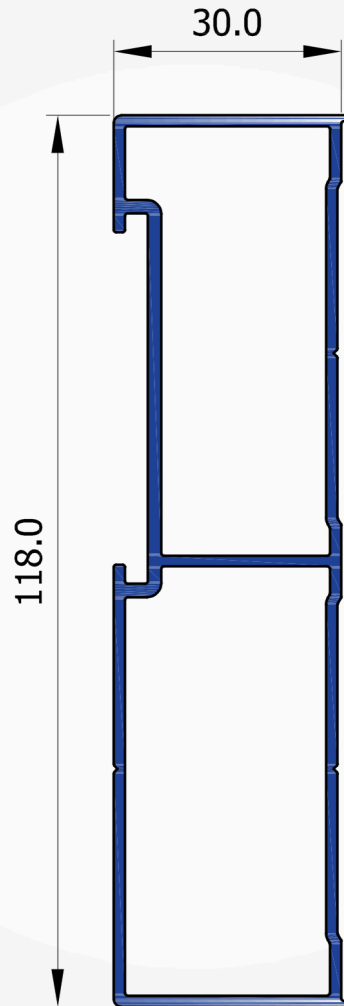
6.50m

INERTIA: Ixx: 71.02 cm⁴ / Iyy: 5.15 cm⁴

Scale: 1:1 A4

HDS - DOUBLE HEAD, CILL & JAMB

HDS007



H/DUTY SLIDER 'H' DOUBLE BOX JAMB

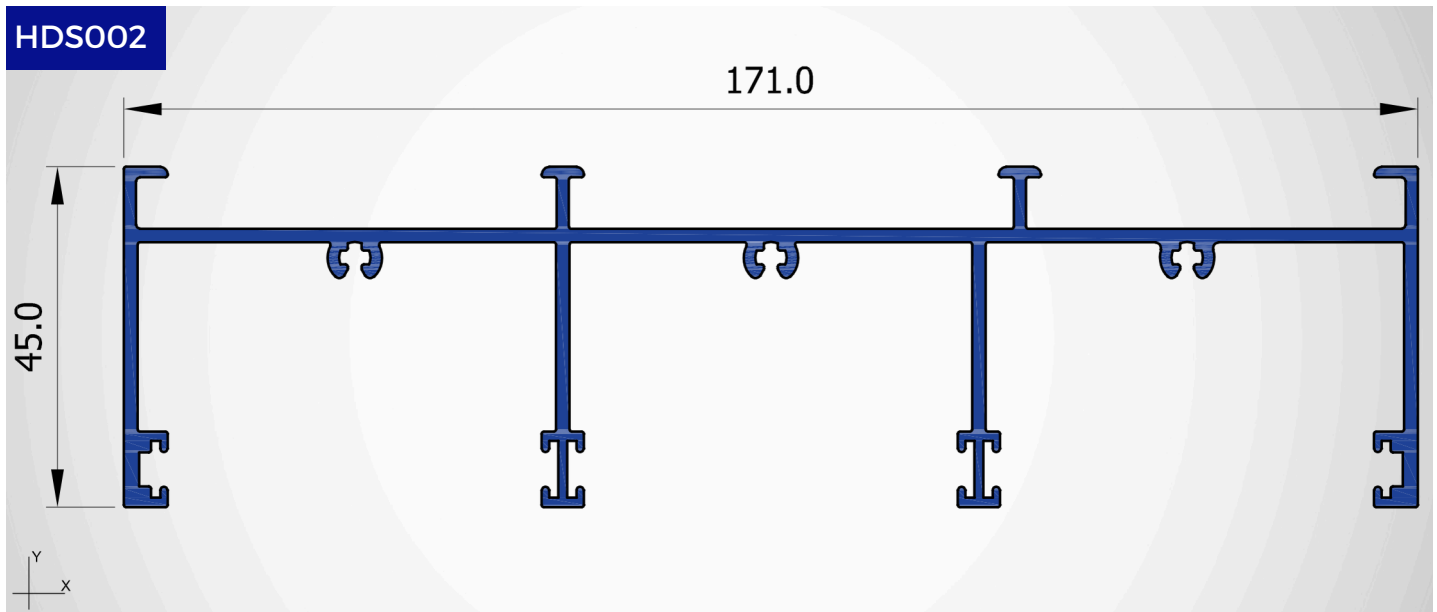
6.50m

INERTIA: I_{xx} : 72.30 cm⁴ / I_{yy} : 7.34 cm⁴

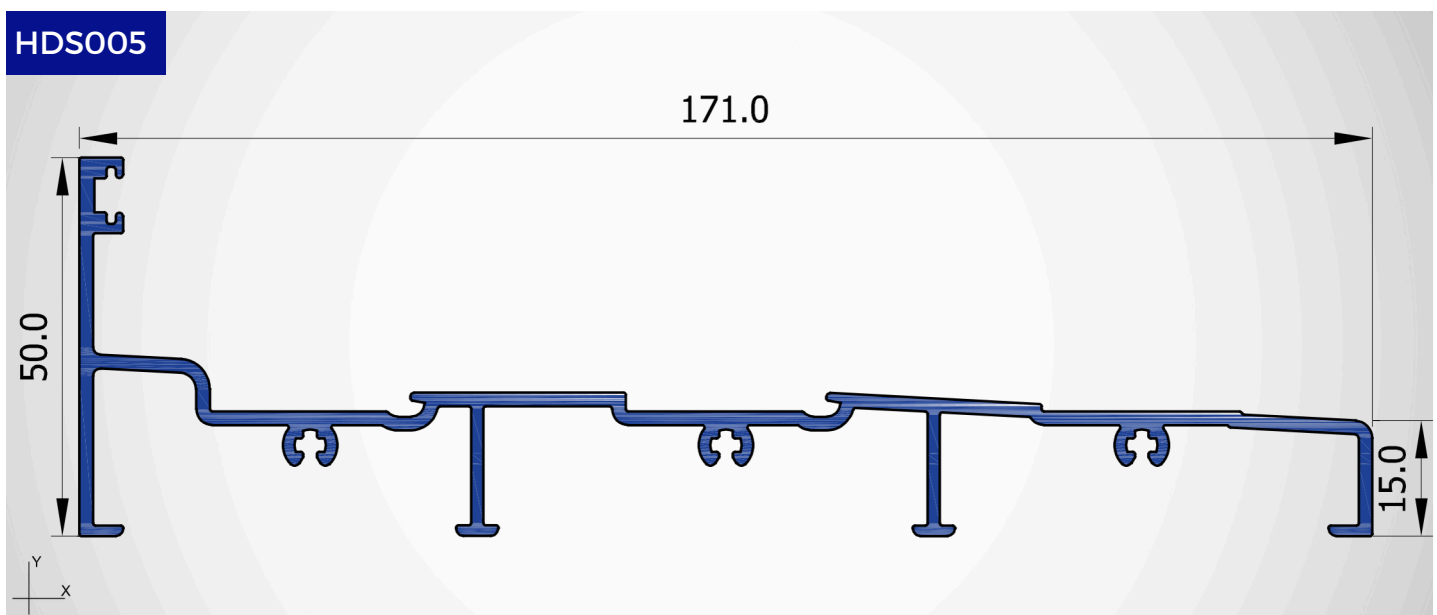
Scale: 1:1 A4

HDS - TRIPLE HEAD, CILL & JAMB

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS002	H/DUTY SLIDER 'H' TRIPLE HEAD	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS005	H/DUTY SLIDER 'H' TRIPLE CILL	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS008	H/DUTY SLIDER 'H' TRIPLE BOX JAMB	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



H/DUTY SLIDER 'H' TRIPLE HEAD
6.50m
INERTIA: Ixx: 12.10 cm⁴ / Iyy: 242.64 cm⁴

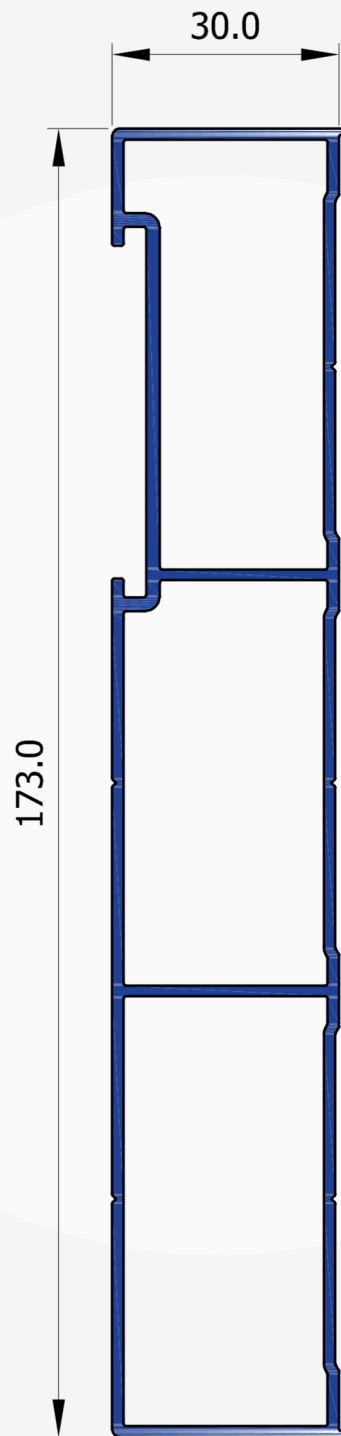


H/DUTY SLIDER 'H' TRIPLE CILL
6.50m
INERTIA: Ixx: 5.60 cm⁴ / Iyy: 188.34 cm⁴

Scale: 1:1 A4

HDS - TRIPLE HEAD, CILL & JAMB

HDS008

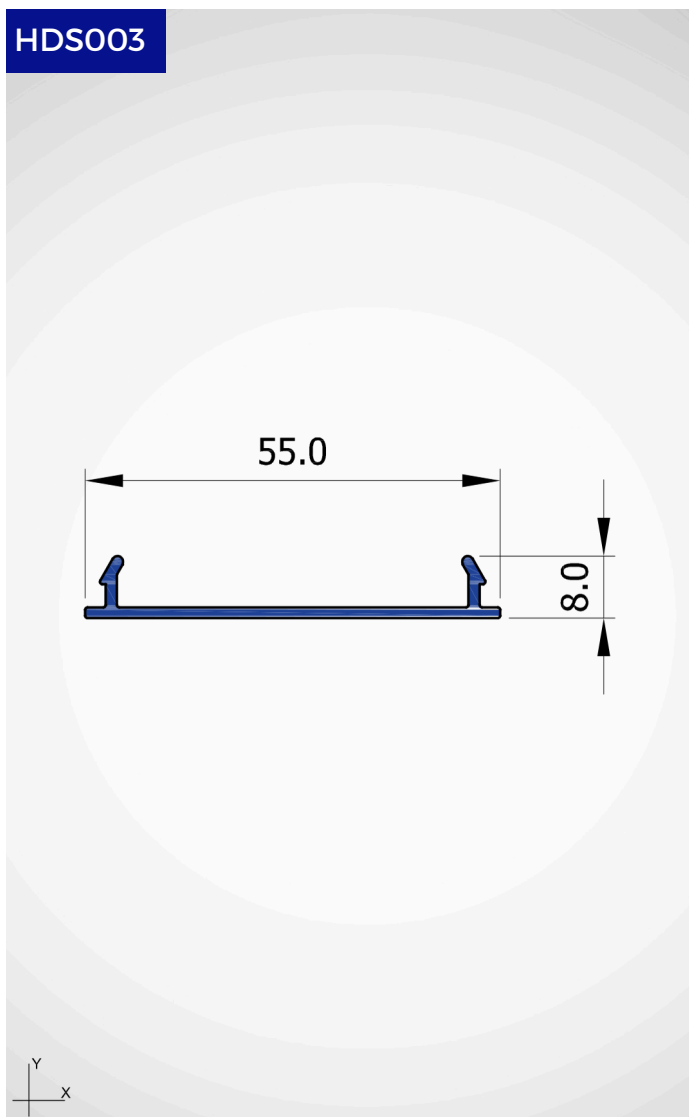


H/DUTY SLIDER 'H' TRIPLE BOX JAMB
6.50m
INERTIA: I_{xx} : 205.35 cm⁴ / I_{yy} : 10.83 cm⁴

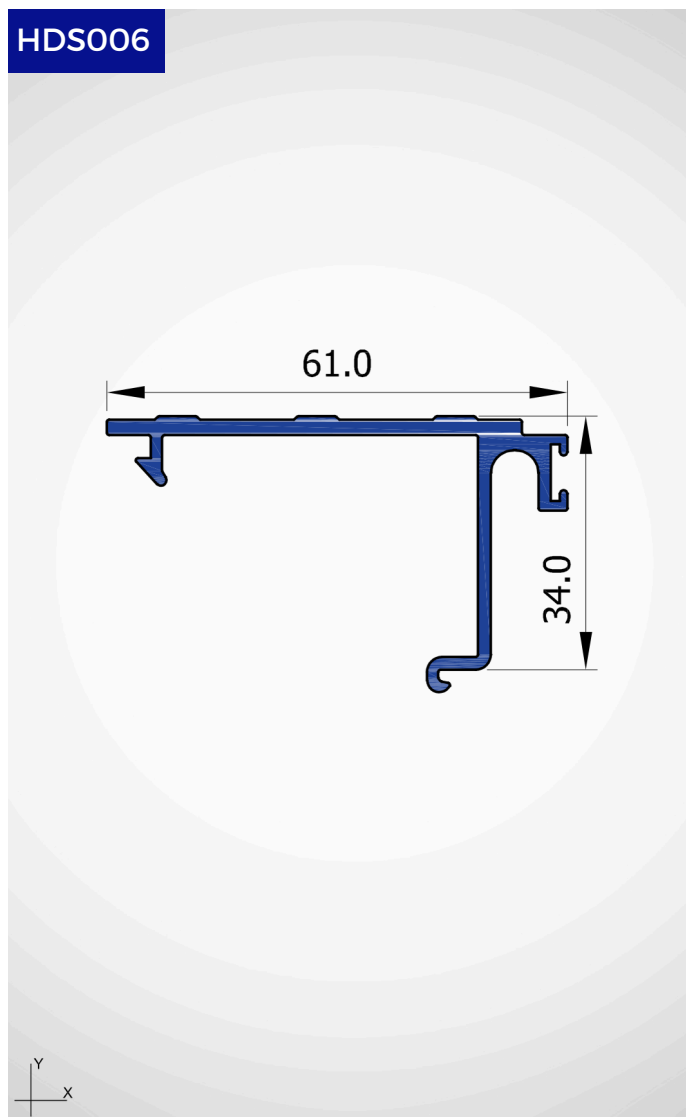
Scale: 1:1 A4

HDS - COVERS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS003	H/DUTY SLIDER 'H' HEAD COVER	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS006	H/DUTY SLIDER 'H' CILL COVER	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS031	H/DUTY SLIDER 'H' ADAPTOR COVER	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS033	H/DUTY SLIDER 'H' ADAPTOR FOOT COVER	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS051	THRESHOLD COVER	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS103	CAVITY INTERLOCKER COVER	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



H/DUTY SLIDER 'H' HEAD COVER
6.50m
INERTIA: Ixx: 0.04 cm⁴ / Iyy: 3.17 cm⁴

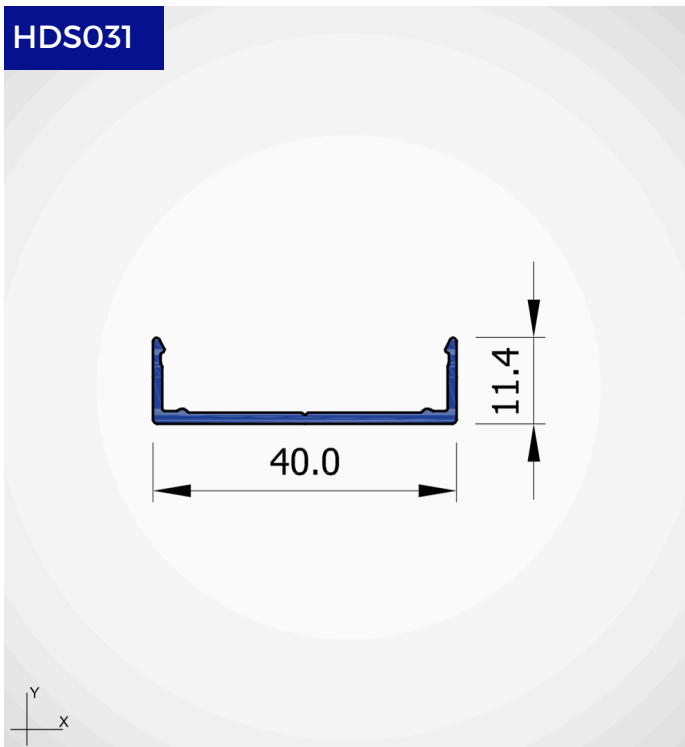


H/DUTY SLIDER 'H' CILL COVER
6.50m
INERTIA: Ixx: 2.56 cm⁴ / Iyy: 7.83 cm⁴

Scale: 1:1 A4

HDS - COVERS

HDS031

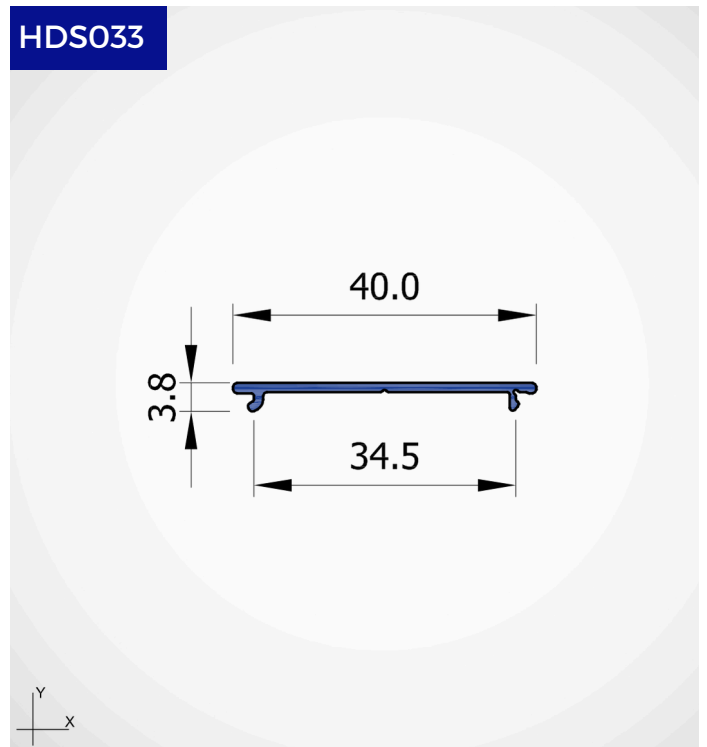


H/DUTY SLIDER 'H' ADAPTOR COVER

6.50m

INERTIA: I_{xx} : 0.044 cm⁴ / I_{yy} : 1.903 cm⁴

HDS033

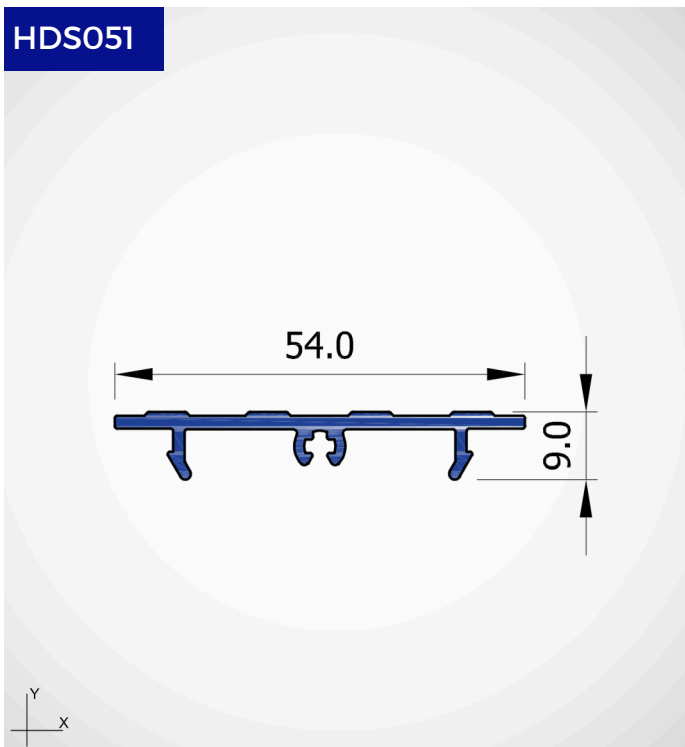


H/DUTY SLIDER 'H' ADAPTOR FOOT COVER

6.50m

INERTIA: I_{xx} : 0.003 cm⁴ / I_{yy} : 0.843 cm⁴

HDS051

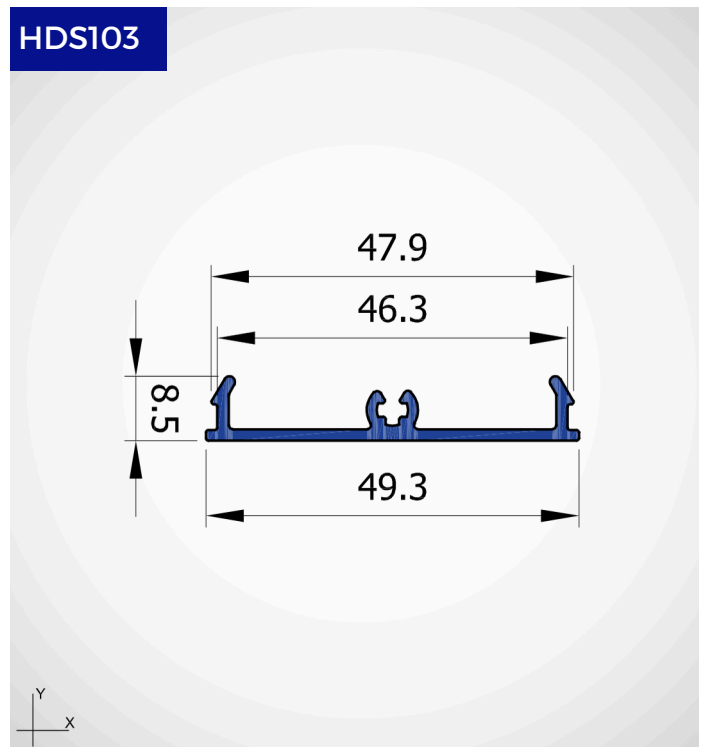


THRESHOLD COVER

6.50m

INERTIA: I_{xx} : 3.31 cm⁴ / I_{yy} : 0.57 cm⁴

HDS103



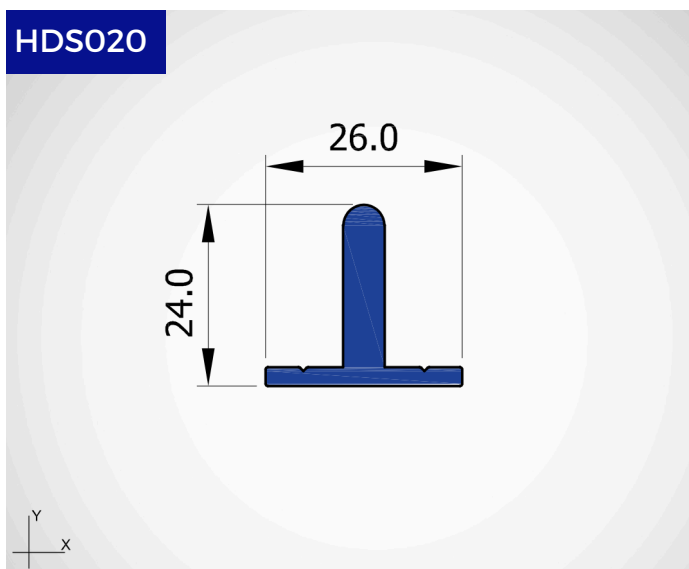
CAVITY INTERLOCKER COVER

6.50m

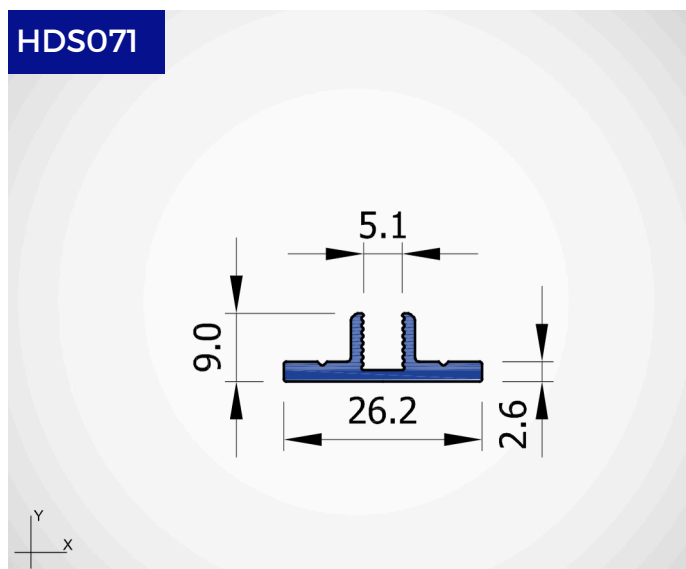
Scale: 1:1 A4

HDS - TRACKS

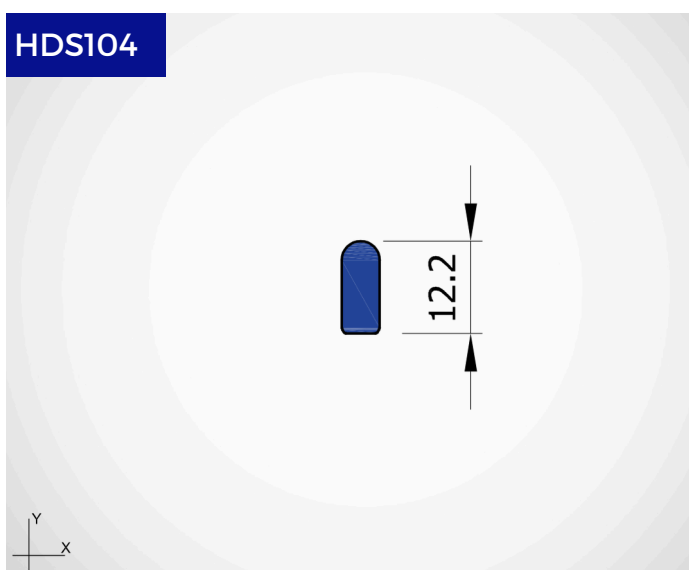
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS020	H/DUTY SLIDER 'H' EXTENDED TRACK	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS071	SS TRACK CARRIER	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS104	H/DUTY SLIDER 'H' REPLACABLE TRACK ALUMINIUM	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
VG53	INOX RAIL	6.50	SS	-



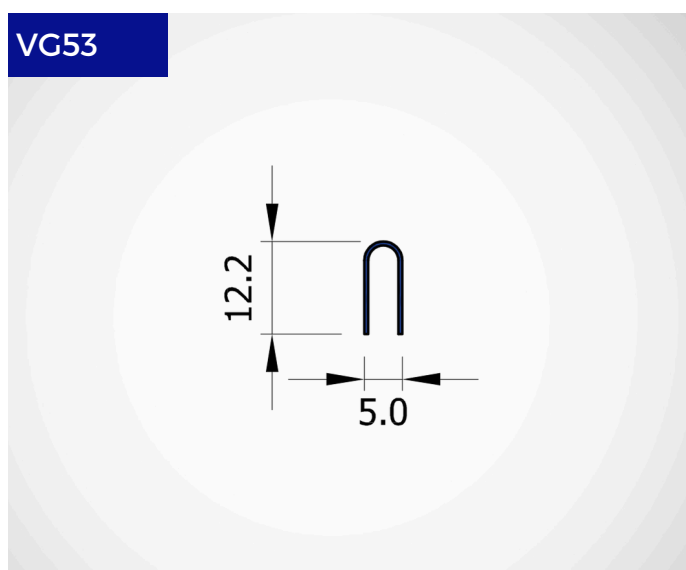
H/DUTY SLIDER 'H' EXTENDED TRACK
6.50m
INERTIA: $I_{xx}: 0.773 \text{ cm}^4 / I_{yy}: 0.387 \text{ cm}^4$



SS TRACK CARRIER
6.50m
INERTIA: $I_{xx}: 0.040 \text{ cm}^4 / I_{yy}: 4.058 \text{ cm}^4$



H/DUTY SLIDER 'H' REPLACABLE TRACK ALUMINIUM
6.50m
INERTIA: $I_{xx}: 0.066 \text{ cm}^4 / I_{yy}: 0.011 \text{ cm}^4$

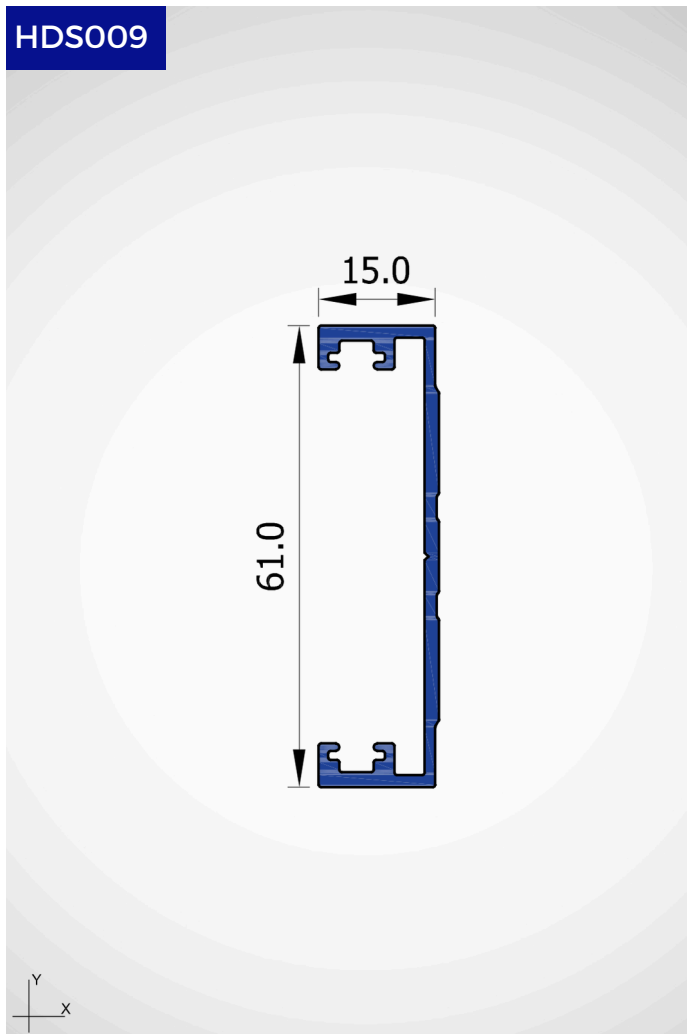


INOX RAIL
6.50m

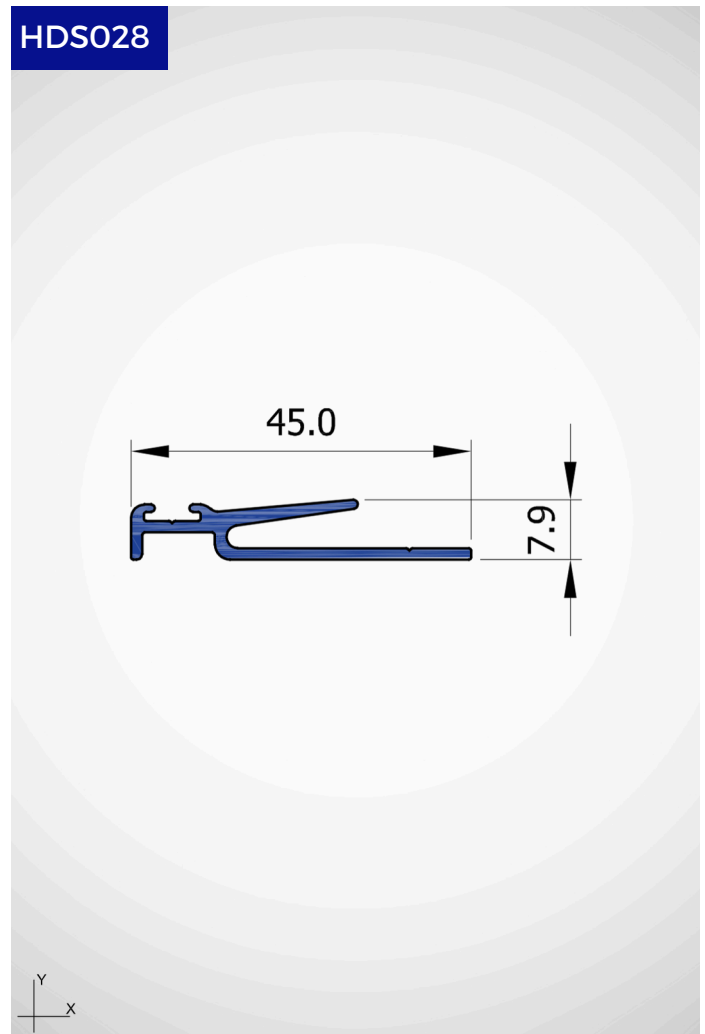
Scale: 1:1 A4

HDS - ADAPTORS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS009	H/DUTY SLIDER 'H' JAMB ADAPTOR	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS028	H/DUTY SLIDER 'H' INTERLOCKER ADAPTOR SCREW ON	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS030	H/DUTY SLIDER 'H' ADAPTOR HDS	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS032	H/DUTY SLIDER 'H' ADAPTOR STIFFENER	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



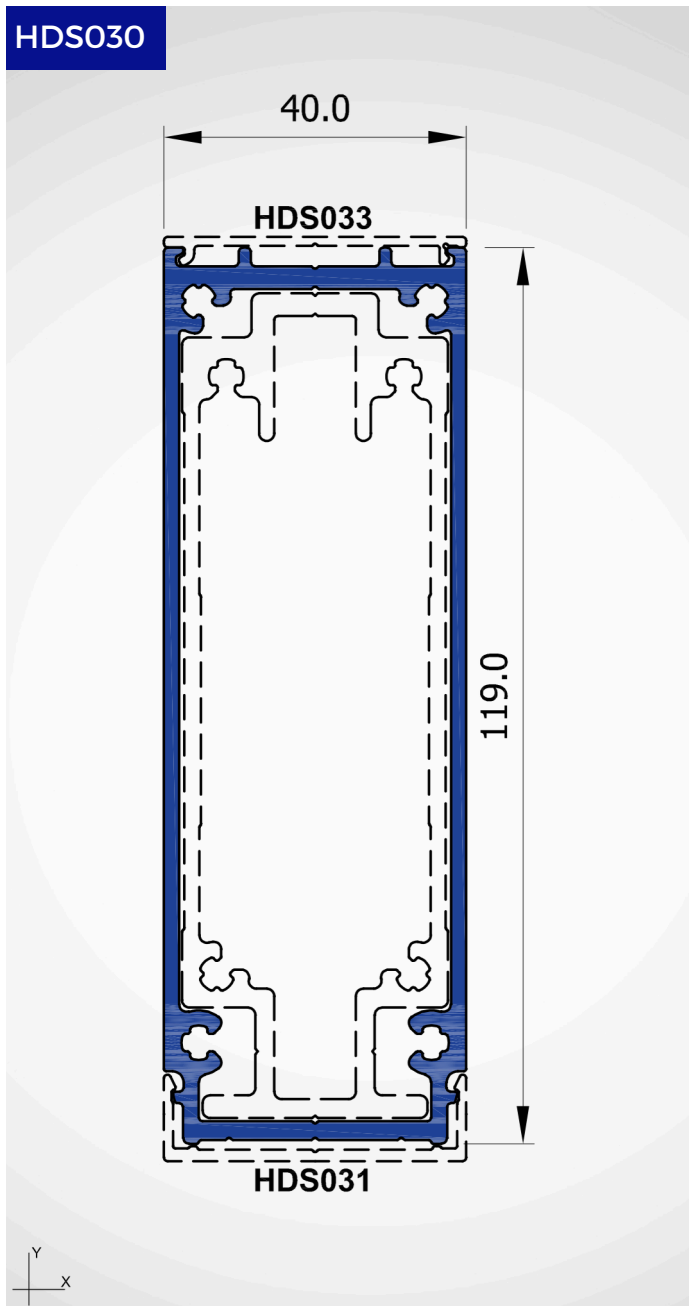
H/DUTY SLIDER 'H' JAMB ADAPTOR
6.50m
INERTIA: Ixx: 5.148 cm⁴ / Iyy: 10.052 cm⁴



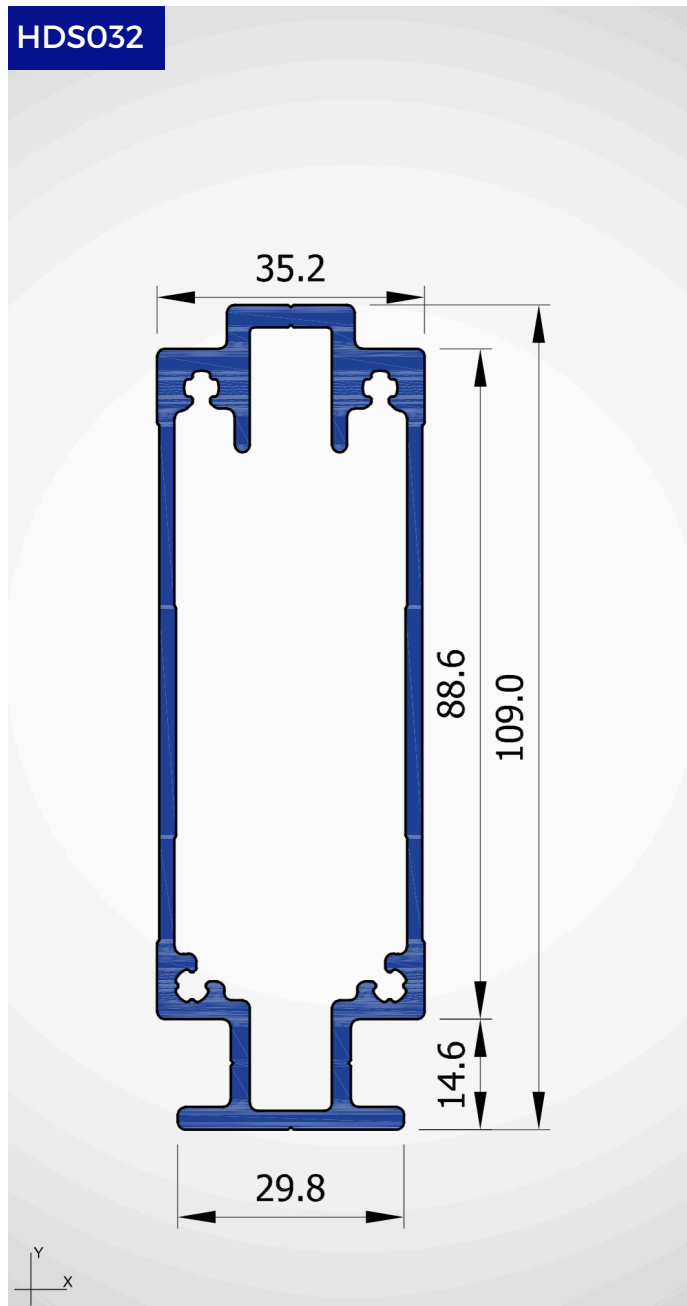
H/DUTY SLIDER 'H' INTERLOCKER ADAPTOR SCREW ON
6.50m
INERTIA: Ixx: 0.07 cm⁴ / Iyy: 0.15 cm⁴

Scale: 1:1 A4

HDS - ADAPTORS



H/DUTY SLIDER 'H' ADAPTOR HDS
6.50m
INERTIA: Ixx: 135.478 cm⁴ / Iyy: 20.661 cm⁴

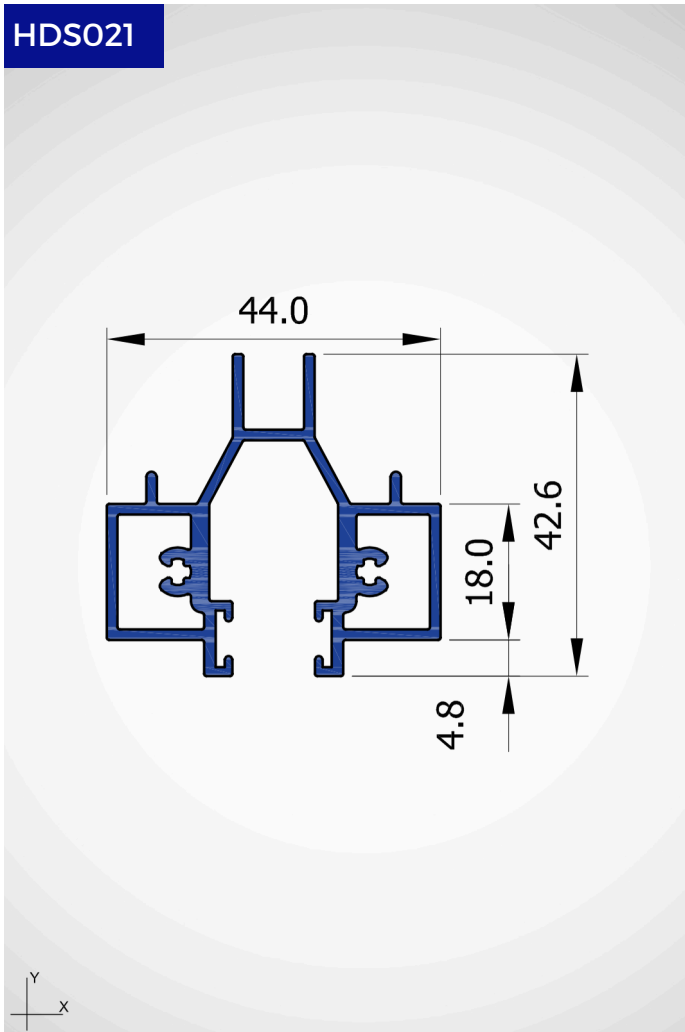


H/DUTY SLIDER 'H' ADAPTOR STIFFENER
6.50m
INERTIA: Ixx: 118.653 cm⁴ / Iyy: 13.610 cm⁴

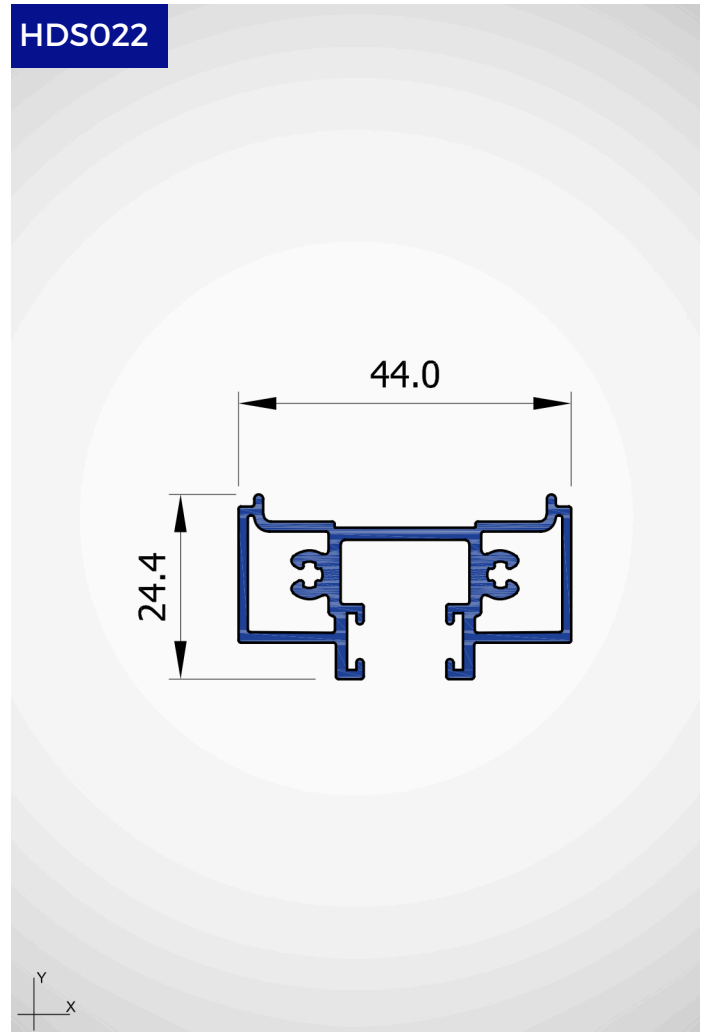
Scale: 1:1 A4

HDS - CILL EXTENSIONS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS021	H/DUTY SLIDER 'H' CILL EXTENSION	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS022	H/DUTY SLIDER 'H' CILL EXTENSION (NEW)	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



H/DUTY SLIDER 'H' CILL EXTENSION
6.50m
INERTIA: $I_{xx}: 3.335 \text{ cm}^4 / I_{yy}: 5.298 \text{ cm}^4$

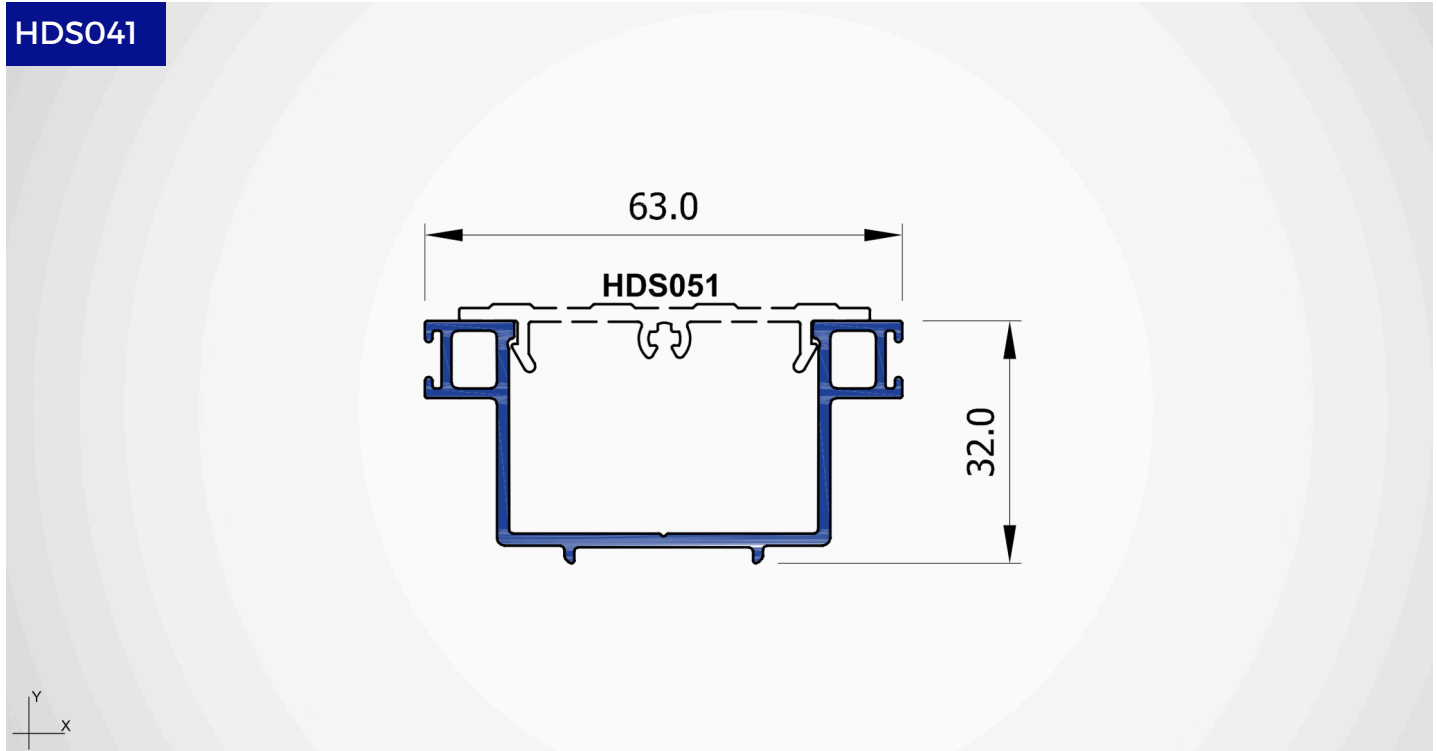


H/DUTY SLIDER 'H' CILL EXTENSION (NEW)
6.50m
INERTIA: $I_{xx}: 1.04 \text{ cm}^4 / I_{yy}: 4.93 \text{ cm}^4$

Scale: 1:1 A4

HDS - THRESHOLD CHANNEL

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS041	DOUBLE THRESHOLD CHANNEL	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

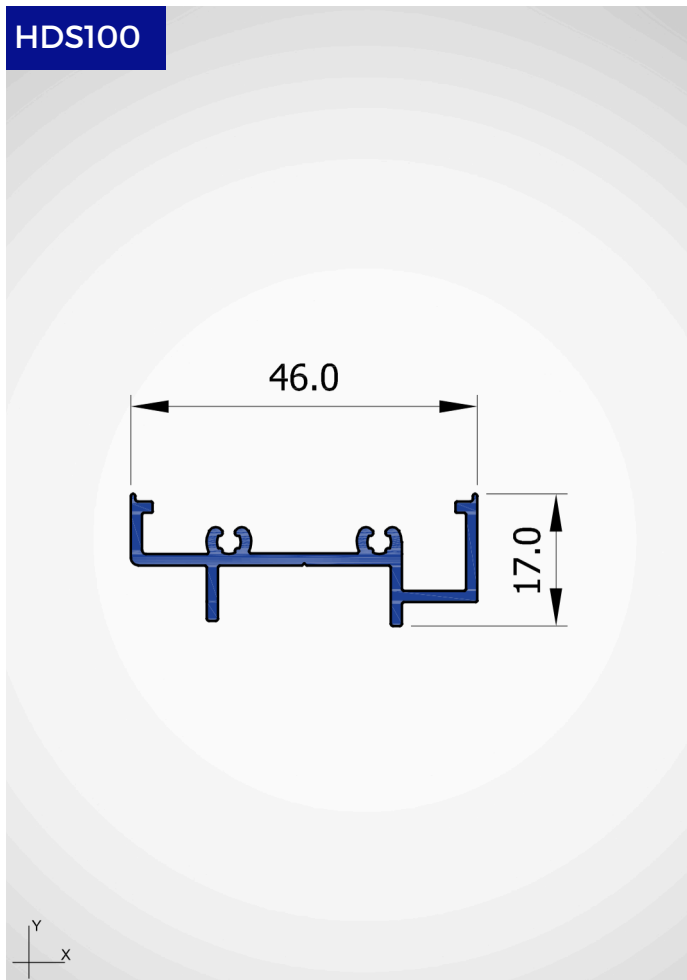


DOUBLE THRESHOLD CHANNEL
6.50m
INERTIA: $I_{xx}: 3.086 \text{ cm}^4 / I_{yy}: 11.218 \text{ cm}^4$

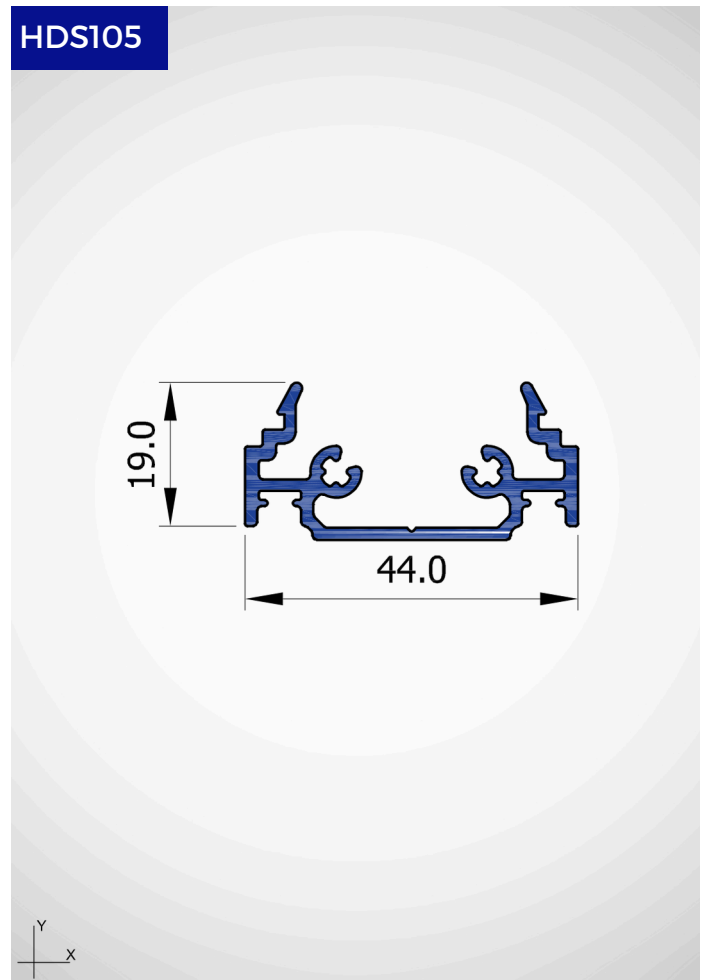
Scale: 1:1 A4

HDS - FIXED PANEL SUPPORT RAIL

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS100	H/DUTY SLIDER 'H' FIXED PANEL SUPPORT RAIL	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS105	FIXED PANEL SUPPORT RAIL	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



H/DUTY SLIDER 'H' FIXED PANEL SUPPORT RAIL
7.25m
INERTIA: lxx: 0.190 cm⁴/ lyy: 3.377 cm⁴



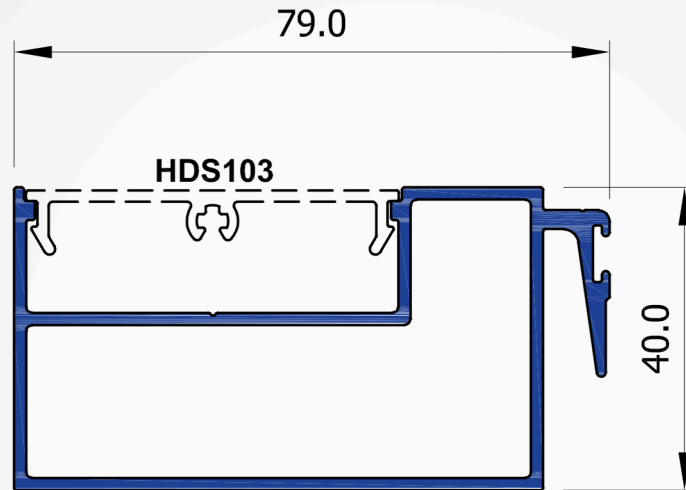
FIXED PANEL SUPPORT RAIL
6.50m
INERTIA: lxx: 0.625 cm⁴/ lyy: 4.910 cm⁴

Scale: 1:1 A4

HDS - CAVITY INTERLOCKER

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS102	CAVITY INTERLOCKER	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

HDS102



CAVITY INTERLOCKER

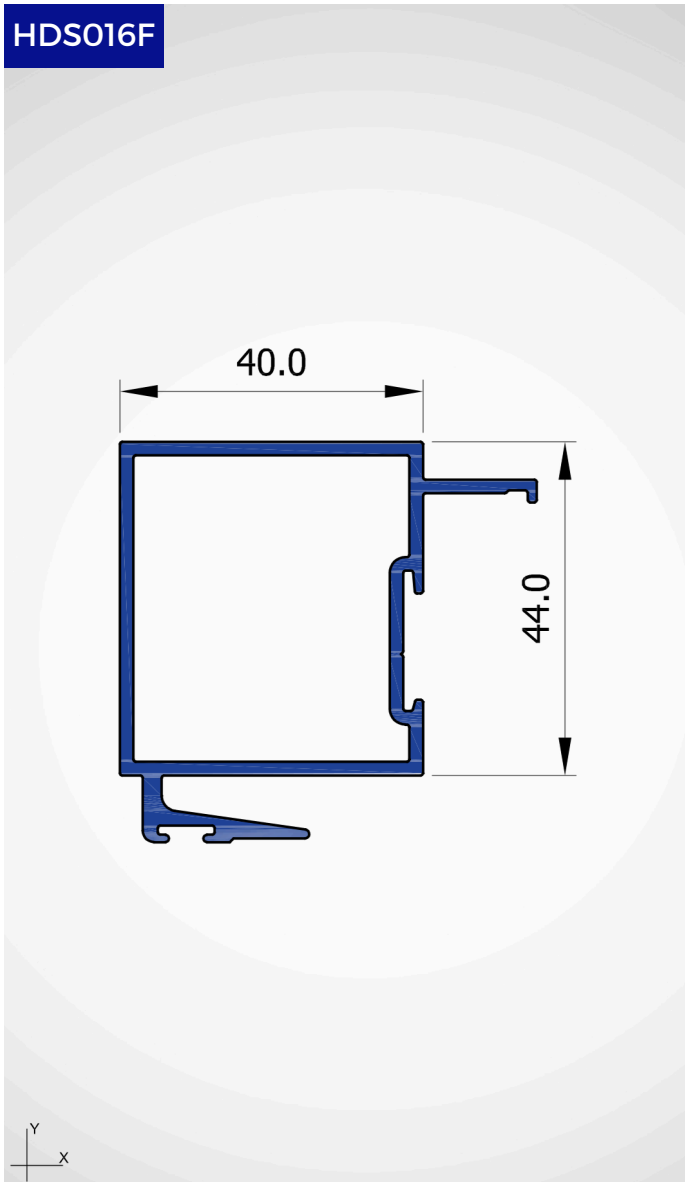
6.50m

INERTIA: I_{xx} : 7.914 cm⁴ / I_{yy} : 32.444 cm⁴

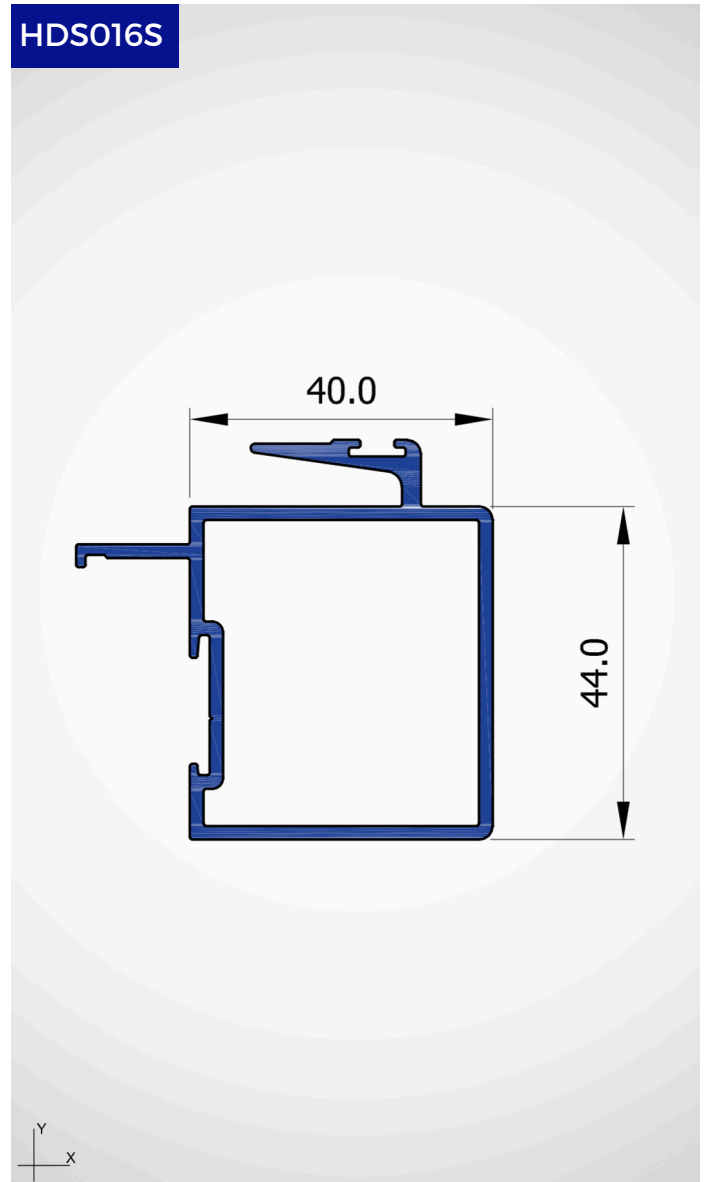
Scale: 1:1 A4

HDS - INTERLOCKER 40MM

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS016F	H/DUTY SLIDER 'H' FIXED INTERLOCKER 40	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS016S	H/DUTY SLIDER 'H' SLIDING INTERLOCKER 40	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS016DF	H/DUTY SLIDER 'H' DOUBLE FIXED INTERLOCKER 40	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



H/DUTY SLIDER 'H' FIXED INTERLOCKER 40
6.50m
INERTIA: Ixx: 15.20 cm⁴ / Iyy: 8.64 cm⁴

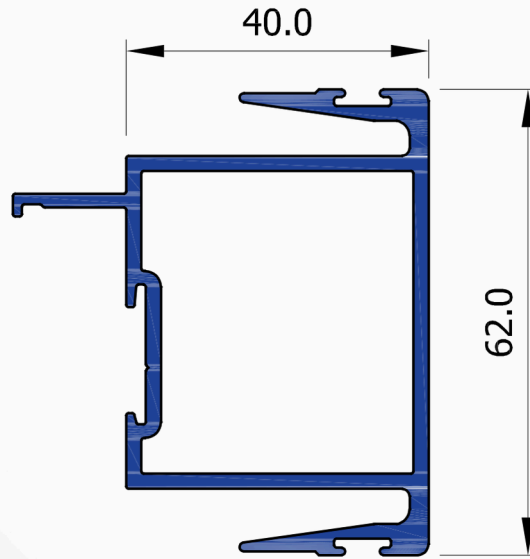


H/DUTY SLIDER 'H' SLIDING INTERLOCKER 40
6.50m
INERTIA: Ixx: 13.00 cm⁴ / Iyy: 9.55 cm⁴

Scale: 1:1 A4

HDS - INTERLOCKER 40MM

HDS016DF



H/DUTY SLIDER 'H' DOUBLE FIXED INTERLOCKER 40

6.50m

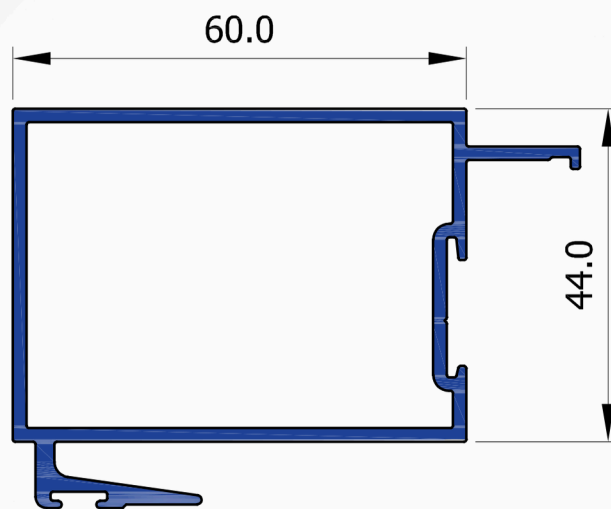
INERTIA: I_{xx} : 21.93 cm⁴ / I_{yy} : 12.49 cm⁴

Scale: 1:1 A4

HDS - INTERLOCKER 60MM

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS027F	H/DUTY SLIDER 'H' FIXED INTERLOCKER 60	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS027S	H/DUTY SLIDER 'H' SLIDING INTERLOCKER 60	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS027DF	H/DUTY SLIDER 'H' DOUDLE FIXED INTERLOCKER 60	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

HDS027F

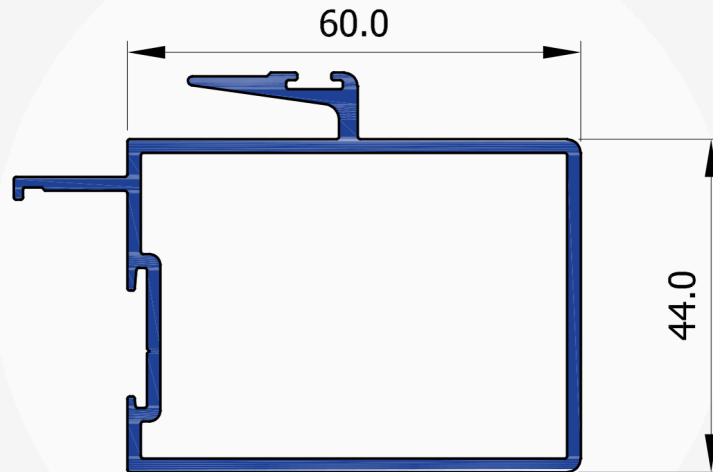


HDS FIXED INTERLOCKER 60MM
 6.50m
 INERTIA: I_{xx} : 14.76 cm⁴ / I_{yy} : 27.90 cm⁴

Scale: 1:1 A4

HDS - INTERLOCKER 60MM

HDS027S

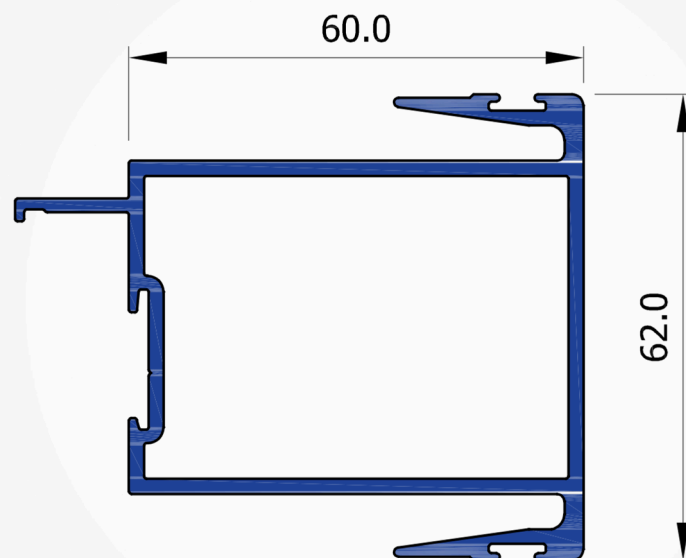


H/DUTY SLIDER 'H' SLIDING INTERLOCKER 60

6.50m

INERTIA: I_{xx} : 15.74 cm⁴ / I_{yy} : 23.70 cm⁴

HDS027DF



H/DUTY SLIDER 'H' DOUdle FIXED INTERLOCKER 60

6.50m

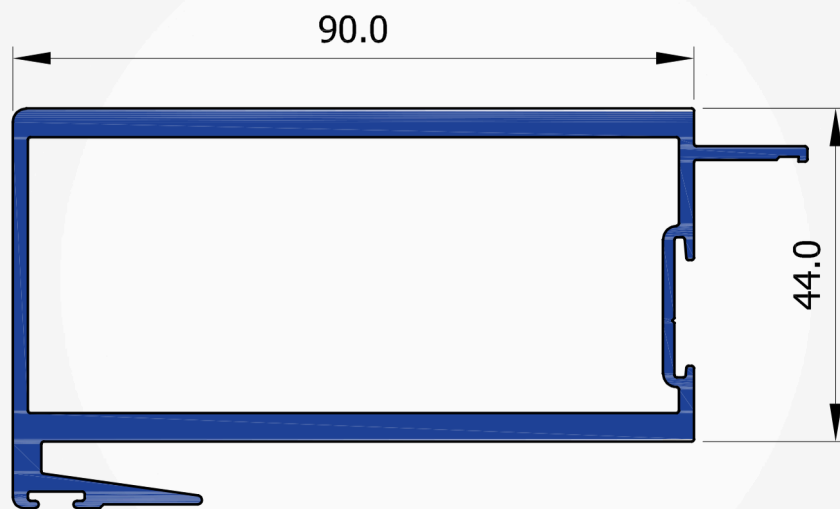
INERTIA: I_{xx} : 24.89 cm⁴ / I_{yy} : 32.33 cm⁴

Scale: 1:1 A4

HDS - INTERLOCKER 90MM

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS018F	H/DUTY SLIDER 'H' FIXED INTERLOCKER 90	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS018S	H/DUTY SLIDER 'H' SLIDING INTERLOCKER 90	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS018DF	H/DUTY SLIDER 'H' DOUBLE FIXED INTERLOCKER 90	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

HDS018F



H/DUTY SLIDER 'H' FIXED INTERLOCKER 90

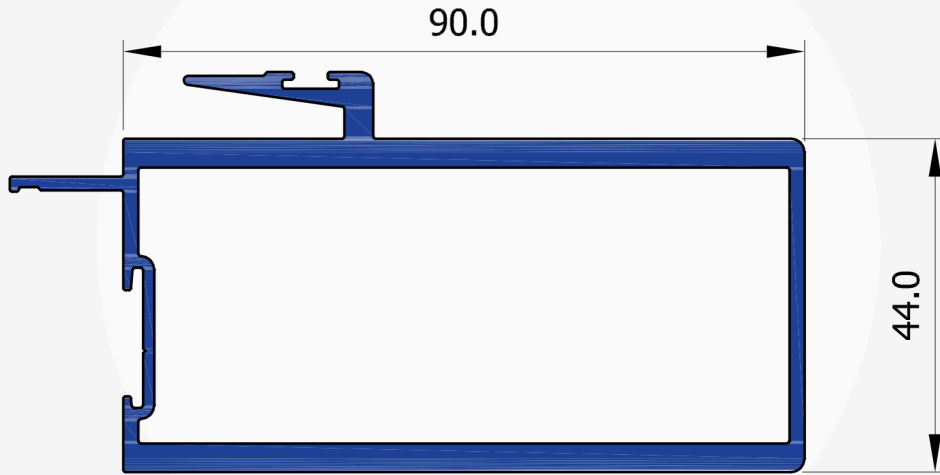
6.50m

INERTIA: I_{xx} : 35.78 cm⁴ / I_{yy} : 91.28 cm⁴

Scale: 1:1 A4

HDS - INTERLOCKER 90MM

HDS018S

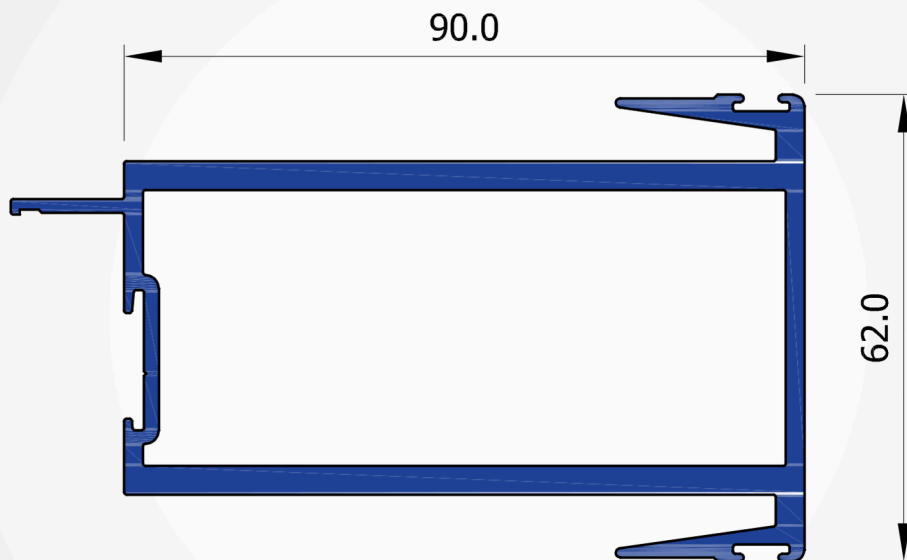


H/DUTY SLIDER 'H' SLIDING INTERLOCKER 90

6.50m

INERTIA: I_{xx} : 35.35 cm⁴ / I_{yy} : 83.6 cm⁴

HDS018DF



H/DUTY SLIDER 'H' DOUBLE FIXED INTERLOCKER 90

6.50m

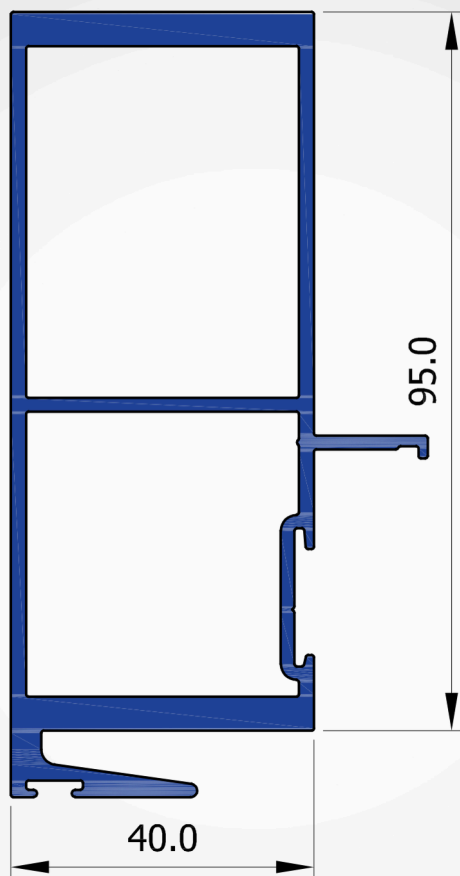
INERTIA: I_{xx} : 42.654 cm⁴ / I_{yy} : 107.386 cm⁴

Scale: 1:1 A4

HDS - INTERLOCKER HEAVY DUTY

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS019F	H/DUTY SLIDER 'H' FIXED INTERLOCKER HD	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS019S	H/DUTY SLIDER 'H' SLIDING INTERLOCKER HD	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

HDS019F

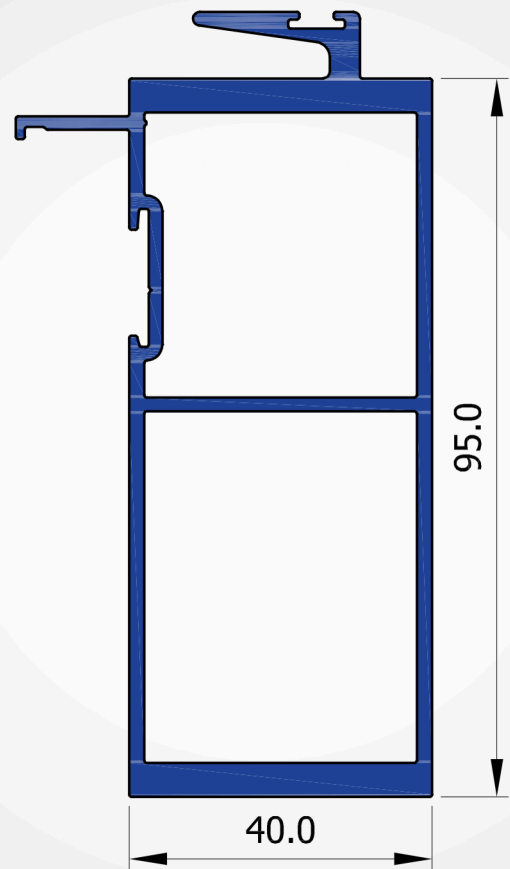


H/DUTY SLIDER 'H' FIXED INTERLOCKER HD

6.50m

INERTIA: Ixx: 117.518 cm⁴ / Iyy: 21.474 cm⁴

HDS019S



H/DUTY SLIDER 'H' SLIDING INTERLOCKER HD

6.50m

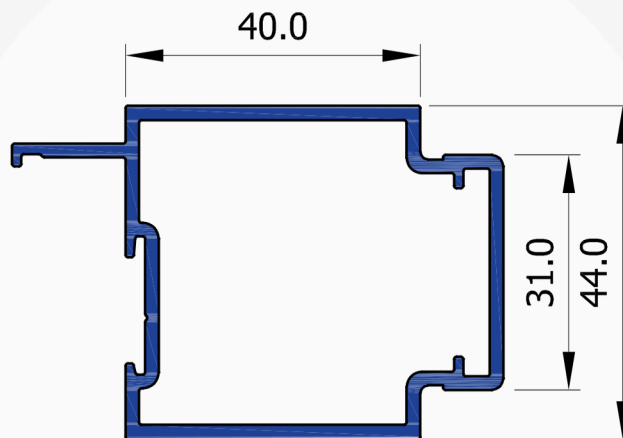
INERTIA: Ixx: 118.24 cm⁴ / Iyy: 20.32 cm⁴

Scale: 1:1 A4

HDS - MEETING STILES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS012	H/DUTY SLIDER 'H' MEETING STILE 40	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS023	H/DUTY SLIDER 'H' MEETING STILE 60	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS014	H/DUTY SLIDER 'H' MEETING STILE 90	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

HDS012



H/DUTY SLIDER 'H' MEETING STILE 40

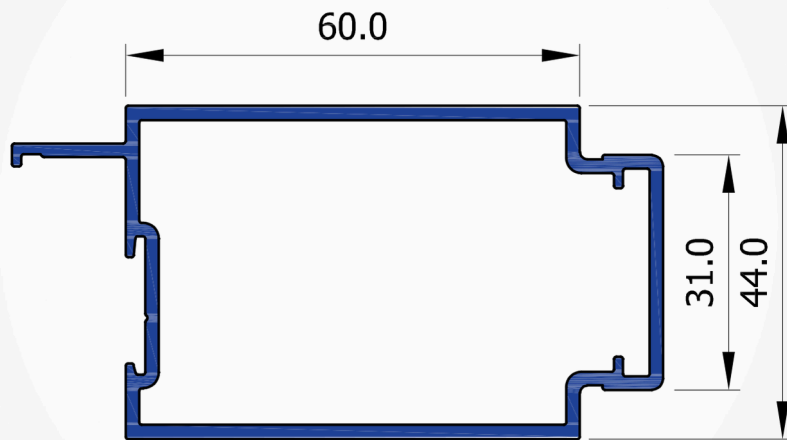
6.50m

INERTIA: I_{xx} : 9.91 cm⁴ / I_{yy} : 14.76 cm⁴

Scale: 1:1 A4

HDS - MEETING STILES

HDS023

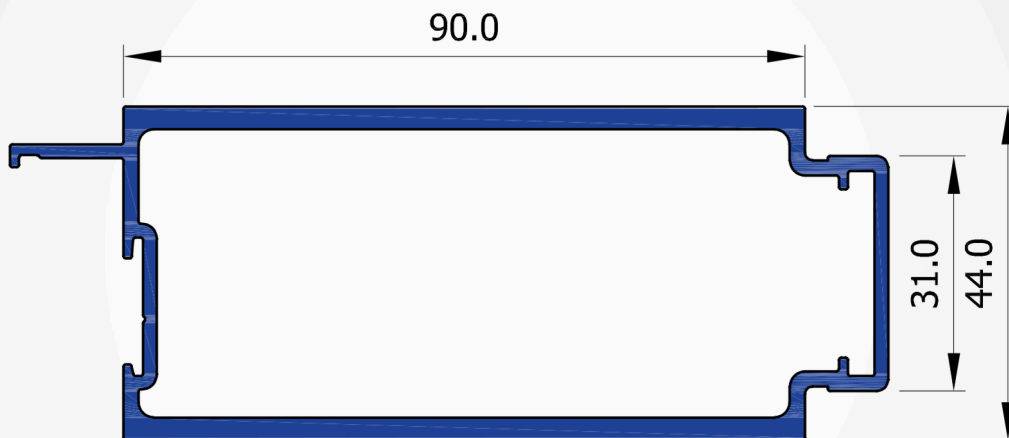


H/DUTY SLIDER 'H' MEETING STILE 60

6.50m

INERTIA: I_{xx} : 13.66 cm⁴ / I_{yy} : 33.17 cm⁴

HDS014



H/DUTY SLIDER 'H' MEETING STILE 90

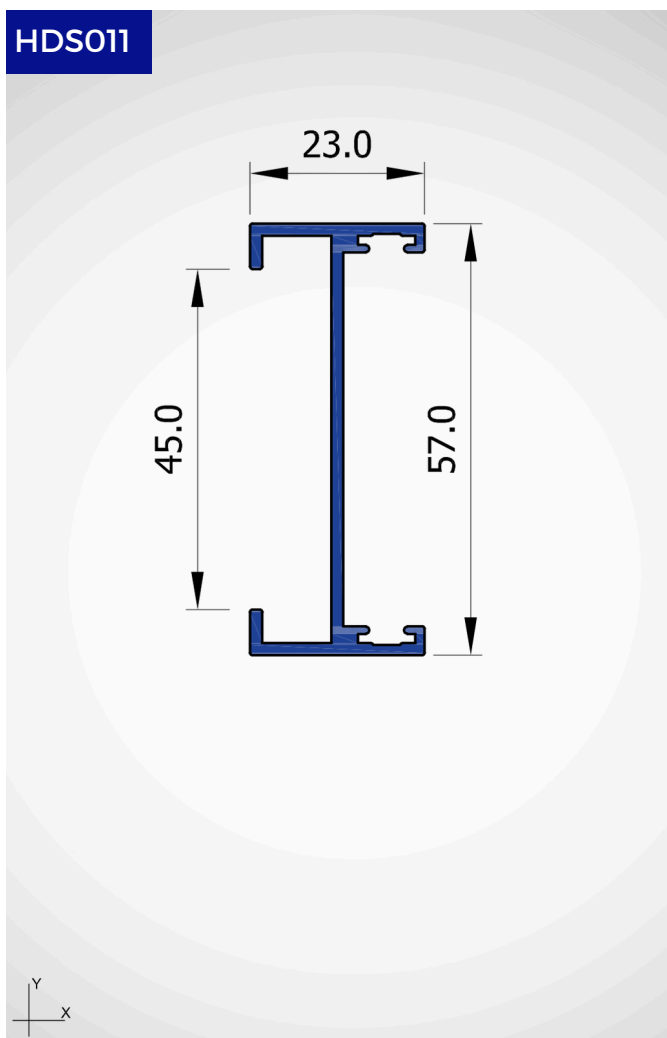
6.50m

INERTIA: I_{xx} : 26.37 cm⁴ / I_{yy} : 92.18 cm⁴

Scale: 1:1 A4

HDS - ASTRAGALS

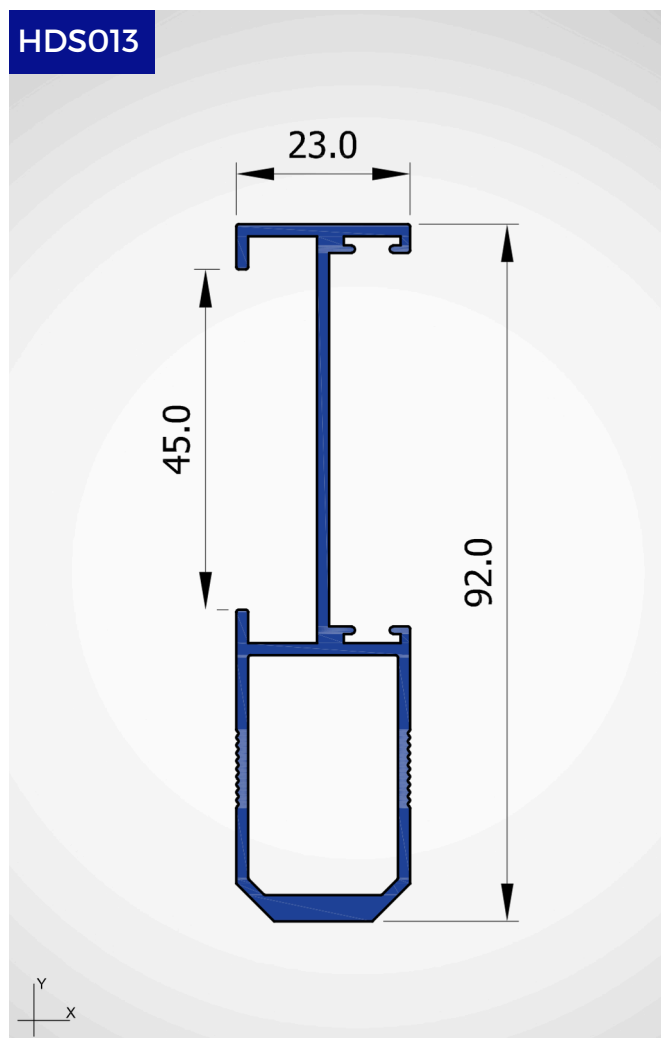
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
HDS011	H/DUTY SLIDER 'H' ASTRAGAL STANDARD	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS013	H/DUTY SLIDER 'H' ASTRAGAL HD	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS015	H/DUTY SLIDER 'H' ASTRAGAL	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
HDS101	CORNER ASTRAGAL CHARCOAL	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



H/DUTY SLIDER 'H' ASTRAGAL STANDARD

6.50m

INERTIA: I_{xx} : 9.73 cm⁴ / I_{yy} : 0.57 cm⁴



H/DUTY SLIDER 'H' ASTRAGAL HD

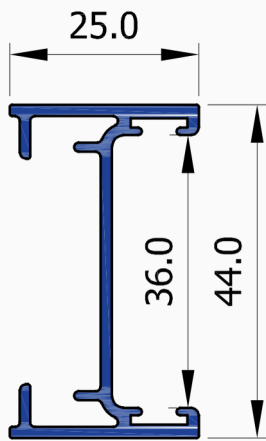
6.50m

INERTIA: I_{xx} : 34.46 cm⁴ / I_{yy} : 1.85 cm⁴

Scale: 1:1 A4

HDS - ASTRAGALS

HDS015

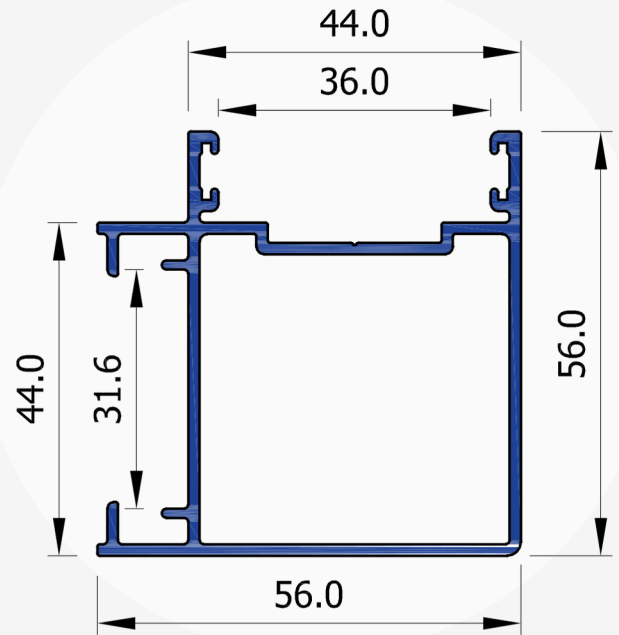


H/DUTY SLIDER 'H' ASTRAGAL

6.50m

INERTIA: I_{xx} : 5.794 cm⁴ / I_{yy} : 0.732 cm⁴

HDS101



CORNER ASTRAGAL CHARCOAL

6.50m

INERTIA: I_{xx} : 13.857 cm⁴ / I_{yy} : 14.370 cm⁴

Scale: 1:1 A4

TECHNICAL INFORMATION

DESCRIPTION & PURPOSE

The Heavy Duty Slider is a sliding door system that consists of its own unique profiles as well as shopfront profiles. It is capable of greater heights and widths than the average slider. The Heavy Duty Slider can accommodate cavity slider applications. Heavy Duty Slider is used in commercial and residential buildings and can be integrated into curtain wall façades.

BENEFITS OF HEAVY DUTY SLIDER:

- Configuration: A wide range of fixed and sliding interlockers are available to allow for options from the smallest sliding doors to a height of three meters. (40mm, 60mm, 90mm & heavy-duty interlockers).
- Standard colours: Heavy Duty Slider material is stocked in mill finish, white, black, bronze, silver and charcoal.
- Special colours: A wide range of custom powder coating options are available, with a minimum lead time of 20 working days. Providing you with endless possibilities to bring your vision to life.

ADDITIONAL FEATURES

- The system can accommodate single and double glazing glass units.
- Multiple lock stiles are available.
- Heavy Duty Slider can lock in the center of the unit.
- Draught exclusion and head/cill covers can be added.
- A sidelight can be added with adaptors in the "D-slot".
- Various cost effective PVC Gaskets are available.
- The Santoprene Gasket Range can be requested as a special order.



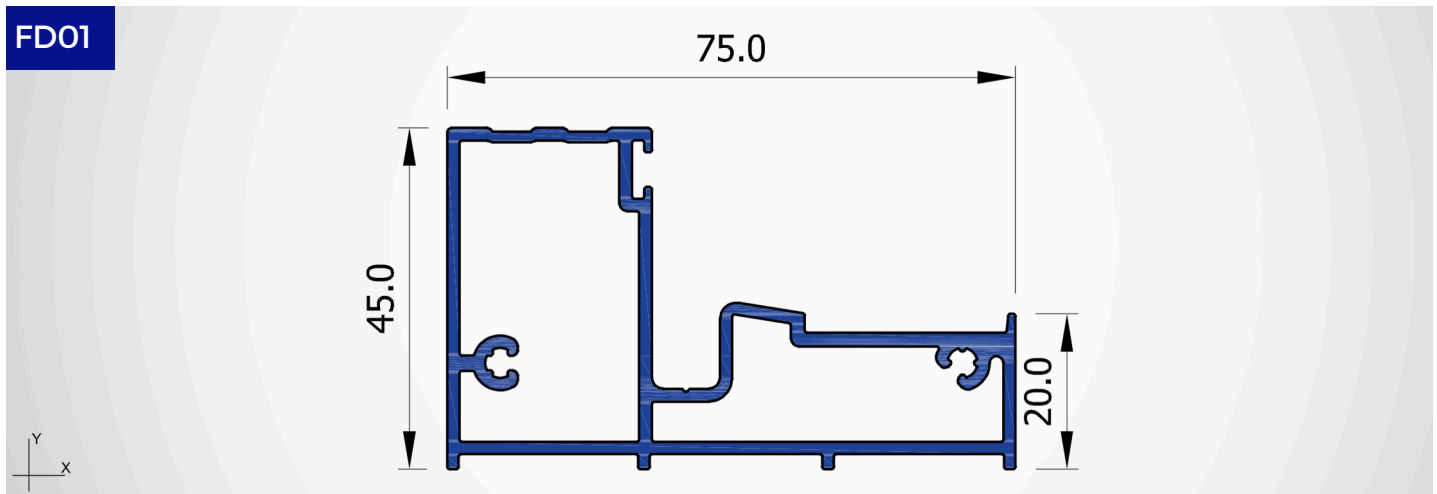


SLIDING FOLDING DOOR

HERITAGE
BY H SYSTEMS

SFD - CILLS

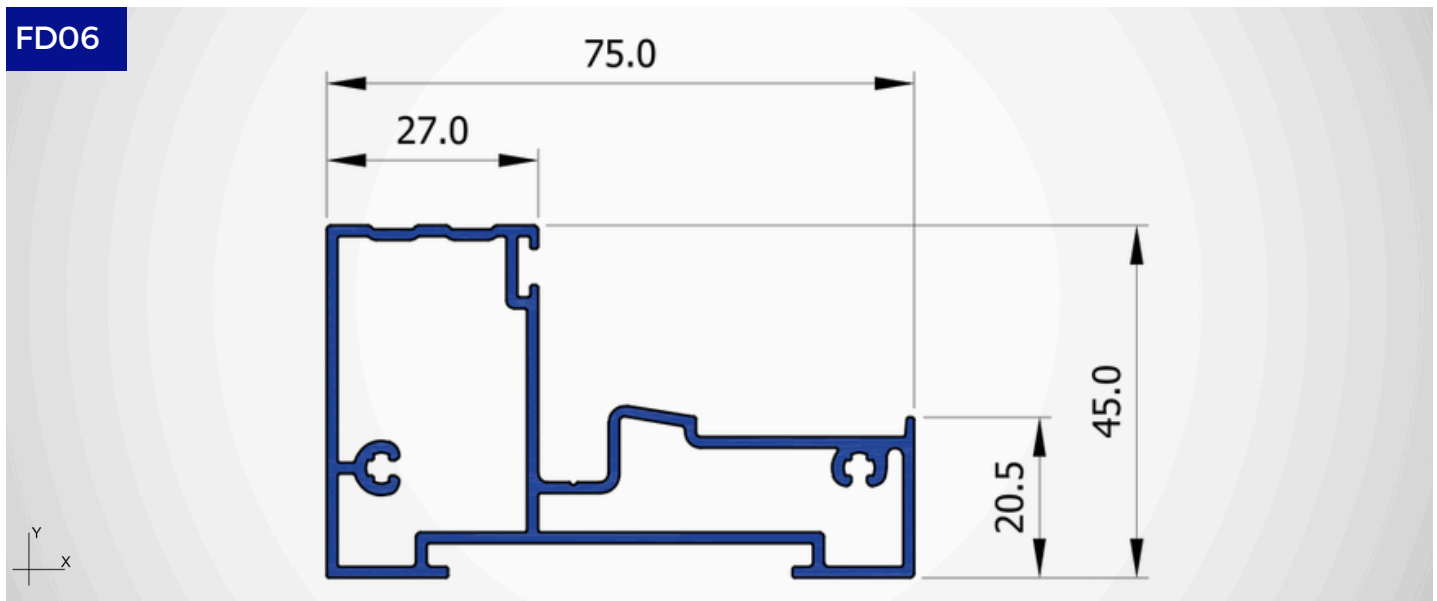
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
FD01	FOLDING DOOR CILL	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
FD06	FOLDING DOOR RECESSED CILL	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
FD11	FOLDING DOOR INTERNAL CILL	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



FOLDING DOOR CILL

7.25m

INERTIA: Ixx: 28.92 cm⁴ / Iyy: 8.70 cm⁴



FOLDING DOOR RECESSED CILL

7.25m

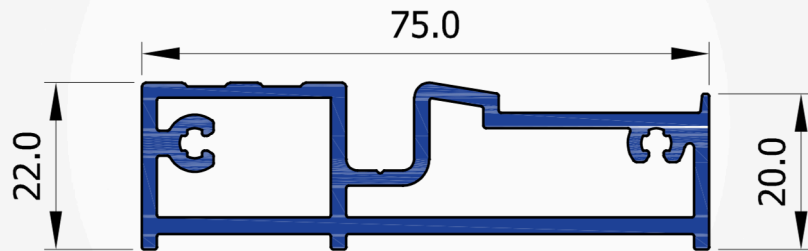
INERTIA: Ixx: 28.92 cm⁴ / Iyy: 8.70 cm⁴

*NON STOCK ITEM.

*SPECIAL ORDER FOR FOLDING DOOR INTERNAL CILL. LEAD TIME MAY VARY UPON AVAILABILITY.

Scale: 1:1 A4

FD11



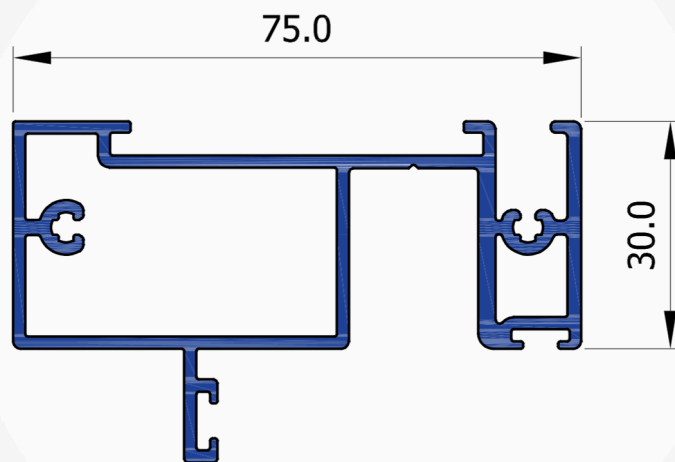
FOLDING DOOR INTERNAL CILL

7.25m

INERTIA: Ixx: 28.92 cm⁴ / Iyy: 8.70 cm⁴

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
FD02	FOLDING DOOR HEAD	7.25	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

FD02



FOLDING DOOR HEAD

7.25m

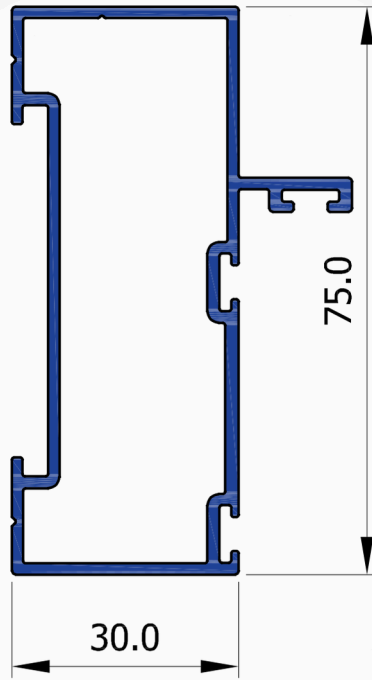
INERTIA: Ixx: 32.81 cm⁴ / Iyy: 6.38 cm⁴

Scale: 1:1 A4

SFD - JAMB

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
FD03	FOLDING DOOR JAMB	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

FD03



FOLDING DOOR JAMB

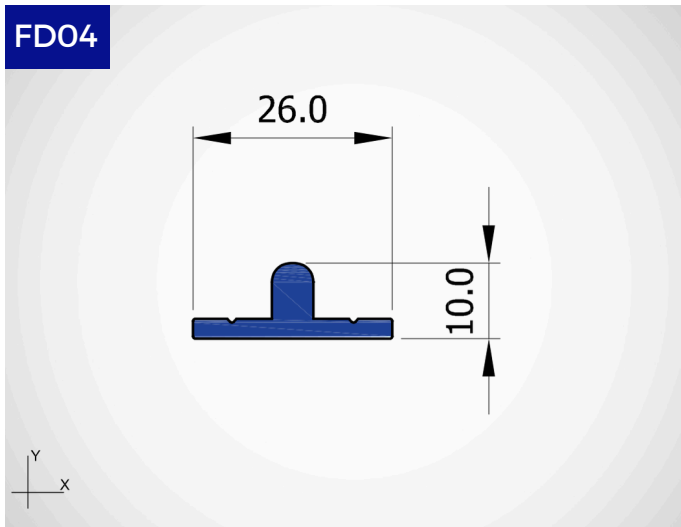
6.50m

INERTIA: Ixx: 28.54 cm⁴ / Iyy: 7.48 cm⁴

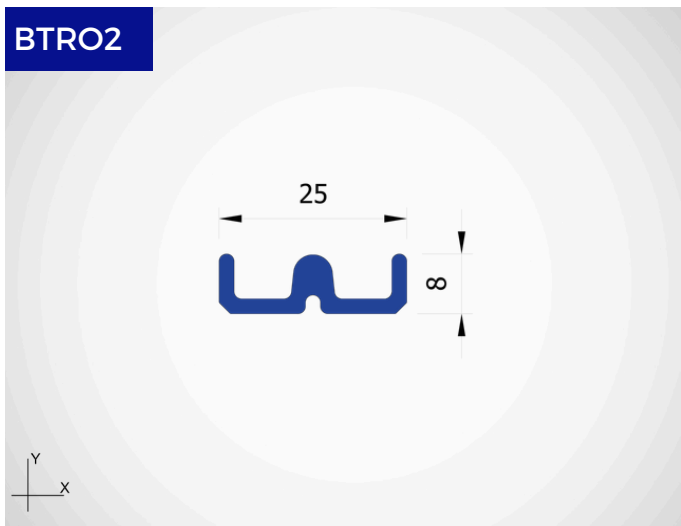
Scale: 1:1 A4

SFD - TRACK

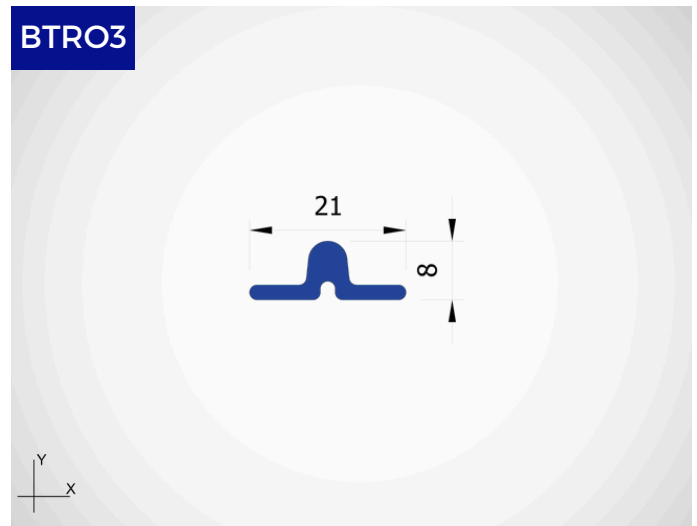
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS
FD04	FLOOR TRACK T 26MM	6.50	BE, BZE, CH, SE, WE, MF
BTR02	FLOOR TRACK E	5.00	MF
BTR03	FLOOR TRACK T	5.00	MF



FLOOR TRACK T
6.50m
INERTIA: I_{xx} : 0.08 cm⁴ / I_{yy} : 0.39 cm⁴



FLOOR TRACK E
5.00m
INERTIA: I_{xx} : 0.05cm⁴ / I_{yy} : 0.55 cm⁴



FLOOR TRACK T
5.00m
INERTIA: I_{xx} : 0.05 cm⁴ / I_{yy} : 0.15 cm⁴

Scale: 1:1 A4

TECHNICAL INFORMATION

DESCRIPTION & PURPOSE

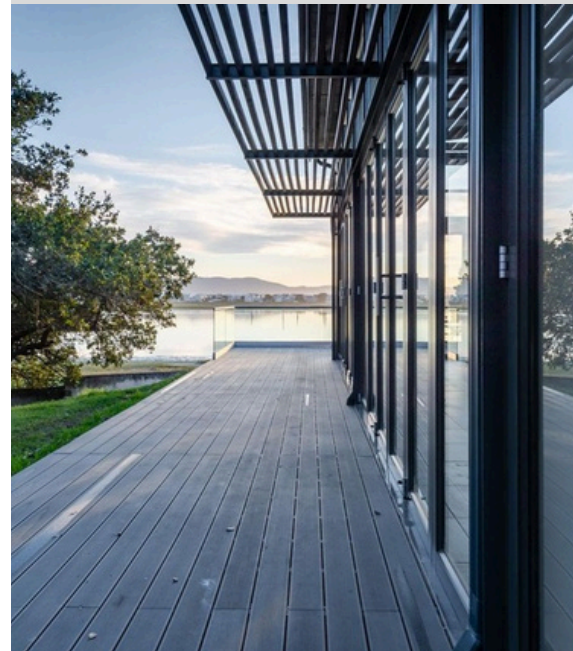
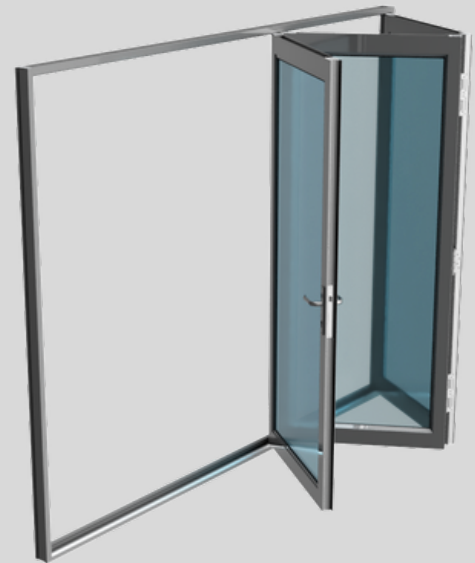
The H Systems Sliding Folding Door is a unit of several door panels hinged together with specific hinges and rollers, which allows all the panels to fold together as a unit and slide in the same direction, or the panels can split into two separate units and slide away from each other.

BENEFITS OF SLIDING FOLDING DOOR:

- Configuration: Commonly used to create a big opening once the door panels have been moved to the side/s.
- Standard colours: Sliding Folding Door material is stocked in mill finish, white, black, bronze, silver and charcoal.
- Special colours: A wide range of custom powder coating options are available, with a minimum lead time of 20 working days. Providing you with endless possibilities to bring your vision to life.

ADDITIONAL FEATURES

- The system can accommodate single glazing glass units from 4mm – 8mm and double glazing glass units from 20mm – 27mm.
- Multiple door profiles (45mm, 60mm & 90mm) are available to meet the clients' specific requirements.
- Only one head is available.
- Only two cills are available.
- Several louvre blades can be integrated into the system, to allow for ventilation.
- Can also be used as a sliding folding window.
- Various cost effective PVC Gaskets are available.
- The Santoprene Gasket Range can be requested as a special order.





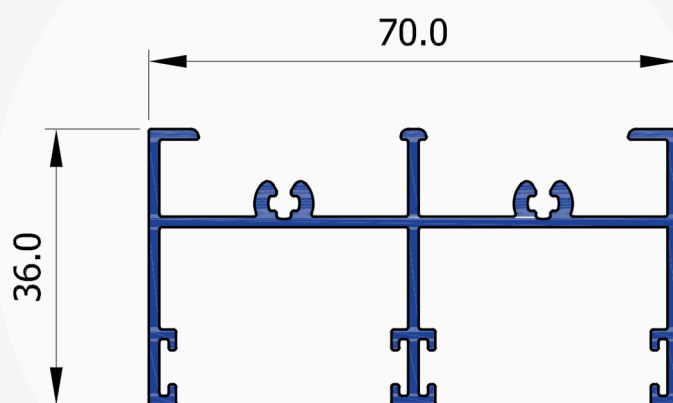
PATIO SLIDING DOOR

HERITAGE
BY H SYSTEMS

PSD - DOUBLE HEAD, CILL & JAMB

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SD7001	PATIO SLIDER HEAD DOUBLE	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SD7004	PATIO SLIDER CILL DOUBLE	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SD7007	PATIO SLIDER JAMB REVERSIBLE DOUBLE	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SD7001

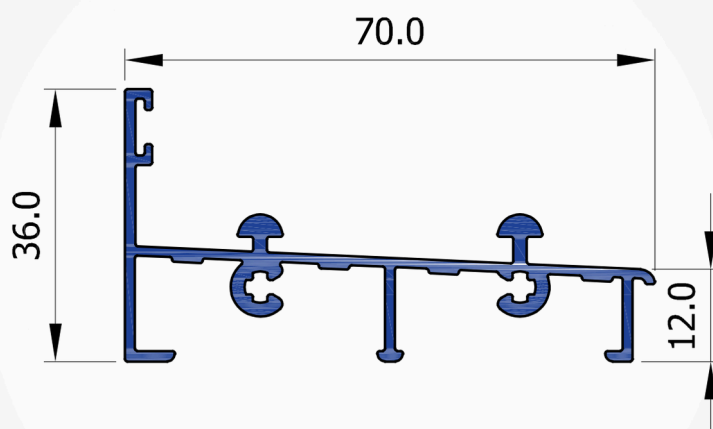


PATIO SLIDER HEAD DOUBLE

5.98m

INERTIA: I_{xx} : 19.851 cm⁴ / I_{yy} : 3.317 cm⁴

SD7004



PATIO SLIDER CILL DOUBLE

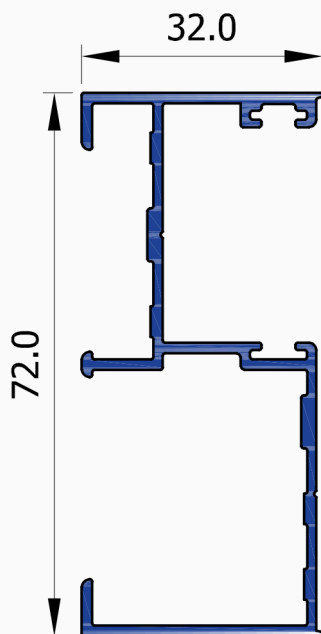
5.98m

INERTIA: I_{xx} : 14.390 cm⁴ / I_{yy} : 1.504 cm⁴

Scale: 1:1 A4

PSD - DOUBLE HEAD, CILL & JAMB

SD7007



PATIO SLIDER JAMB REVERSIBLE DOUBLE

6.50m

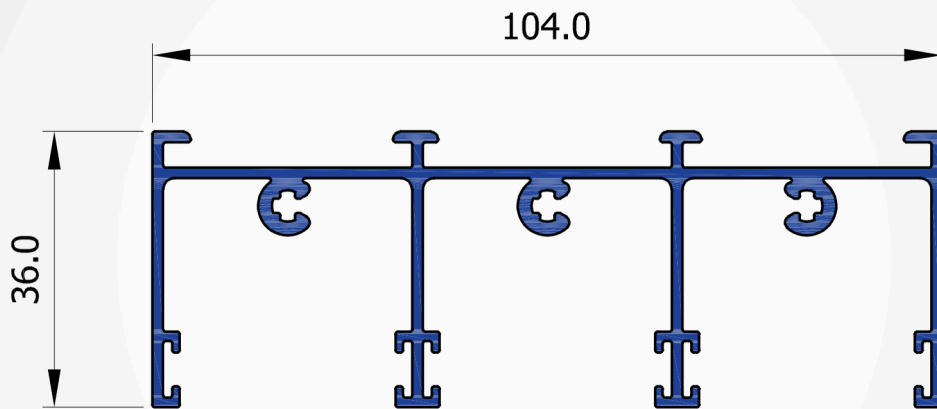
INERTIA: I_{xx} : 17.852 cm⁴ / I_{yy} : 2.928 cm⁴

Scale: 1:1 A4

PSD - TRIPLE HEAD, CILL & JAMB

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SD7002	PATIO SLIDER HEAD TRIPLE	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SD7005	PATIO SLIDER CILL TRIPLE	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SD7008	PATIO SLIDER JAMB REVERSIBLE TRIPLE	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SD7002



PATIO SLIDER HEAD TRIPLE

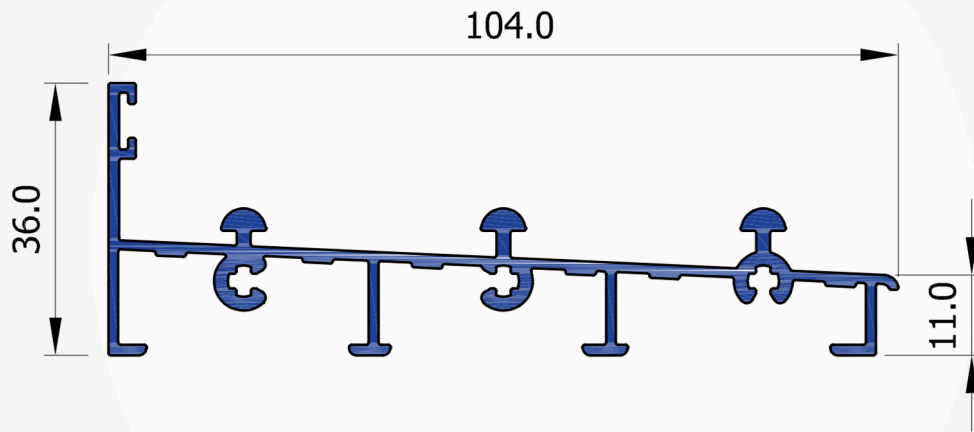
6.50m

INERTIA: I_{xx} : 57.836 cm⁴ / I_{yy} : 5.867 cm⁴

Scale: 1:1 A4

PSD - TRIPLE HEAD, CILL & JAMB

SD7005



PATIO SLIDER CILL TRIPLE

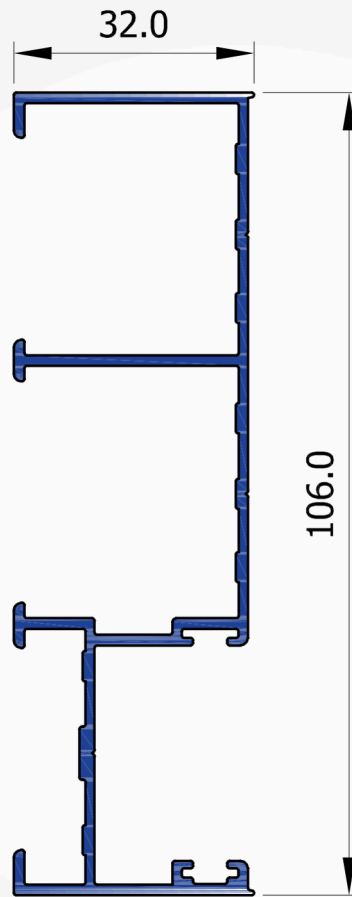
6.50m

INERTIA: Ixx: 42.465 cm⁴ / Iyy: 1.817 cm⁴

Scale: 1:1 A4

PSD - TRIPLE HEAD, CILL & JAMB

SD7008



PATIO SLIDER JAMB REVERSIBLE TRIPLE

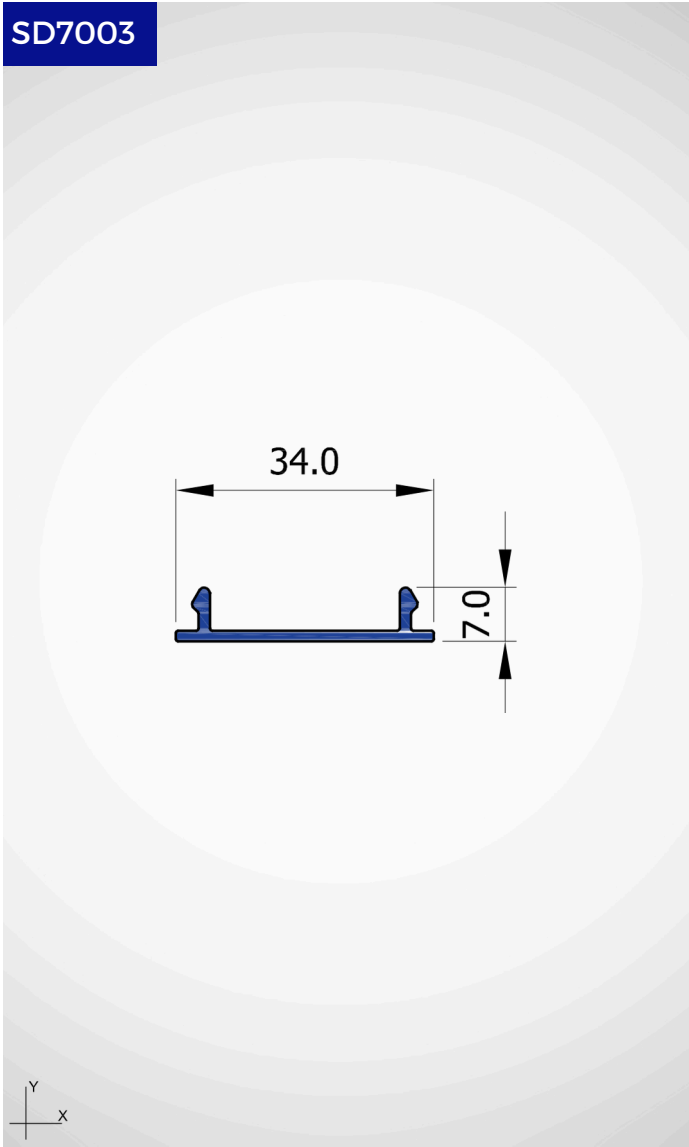
6.50m

INERTIA: I_{xx} : 46.423 cm⁴ / I_{yy} : 4.082 cm⁴

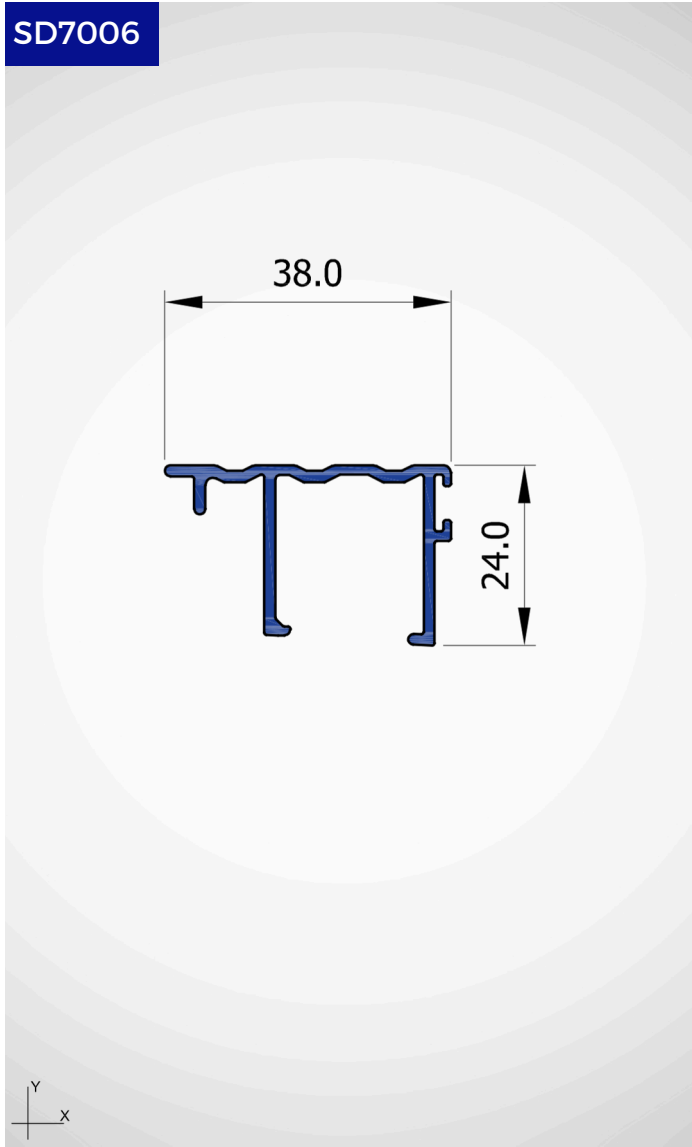
Scale: 1:1 A4

PSD - COVERS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SD7003	PATIO SLIDER HEAD COVER	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SD7006	PATIO SLIDER CILL COVER	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



PATIO SLIDER HEAD COVER
 5.98m
 INERTIA: Ixx: 0.024 cm⁴ / Iyy: 0.814 cm⁴

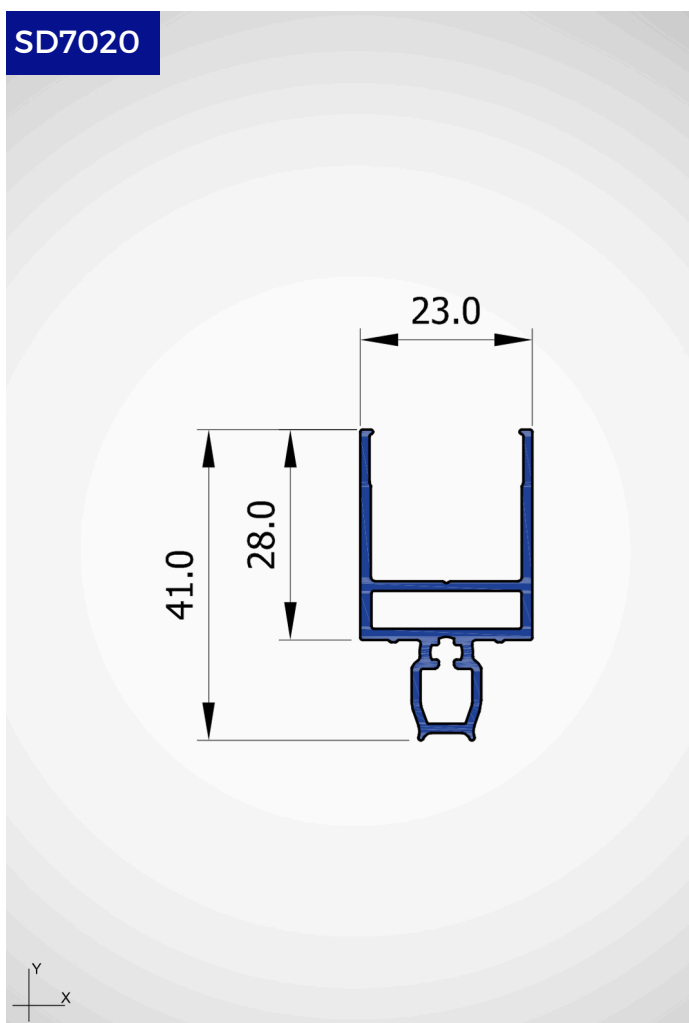


PATIO SLIDER CILL COVER
 5.98m
 INERTIA: Ixx: 0.762 cm⁴ / Iyy: 1.840 cm⁴

Scale: 1:1 A4

PSD - ADAPTORS

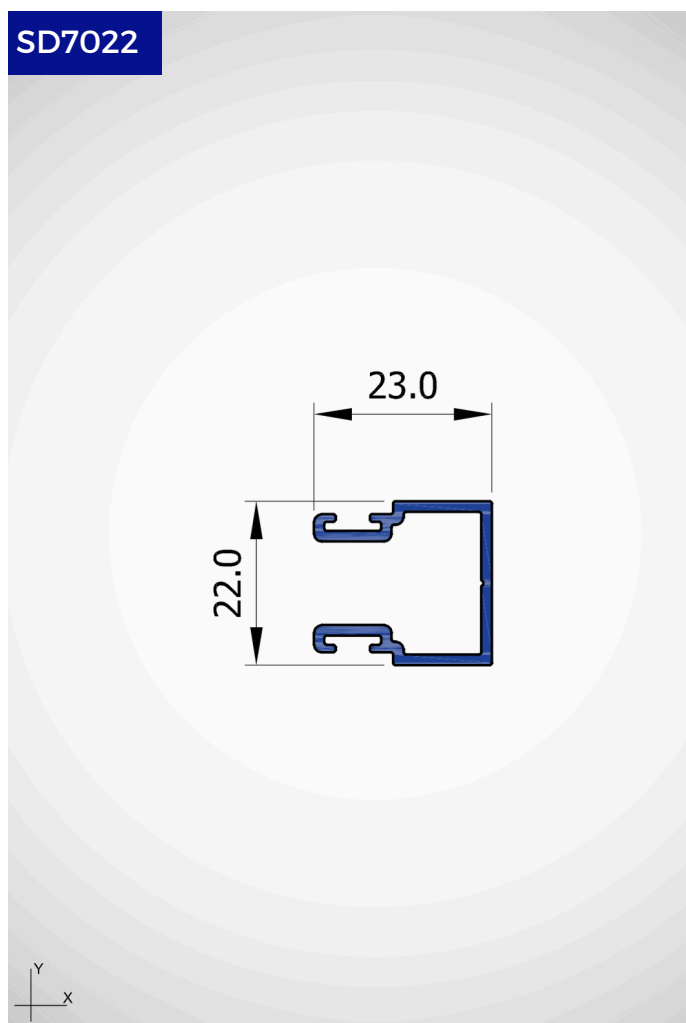
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SD7020	PATIO SLIDER DOUBLE GLAZING ADAPTOR	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SD7022	PATIO SLIDER MEETING STILE ADAPTOR	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



PATIO SLIDER DOUBLE GLAZING ADAPTOR

6.50m

INERTIA: Ixx: 1.092 cm⁴ / Iyy: 1.753 cm⁴



PATIO SLIDER MEETING STILE ADAPTOR

6.50m

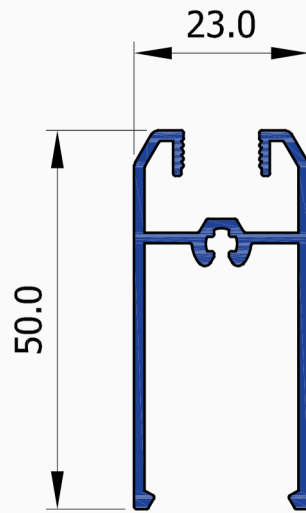
INERTIA: Ixx: 0.705 cm⁴ / Iyy: 0.682 cm⁴

Scale: 1:1 A4

PSD - WHEEL SASH

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SD7019	PATIO SLIDER WHEEL SASH	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SD7019



PATIO SLIDER WHEEL SASH

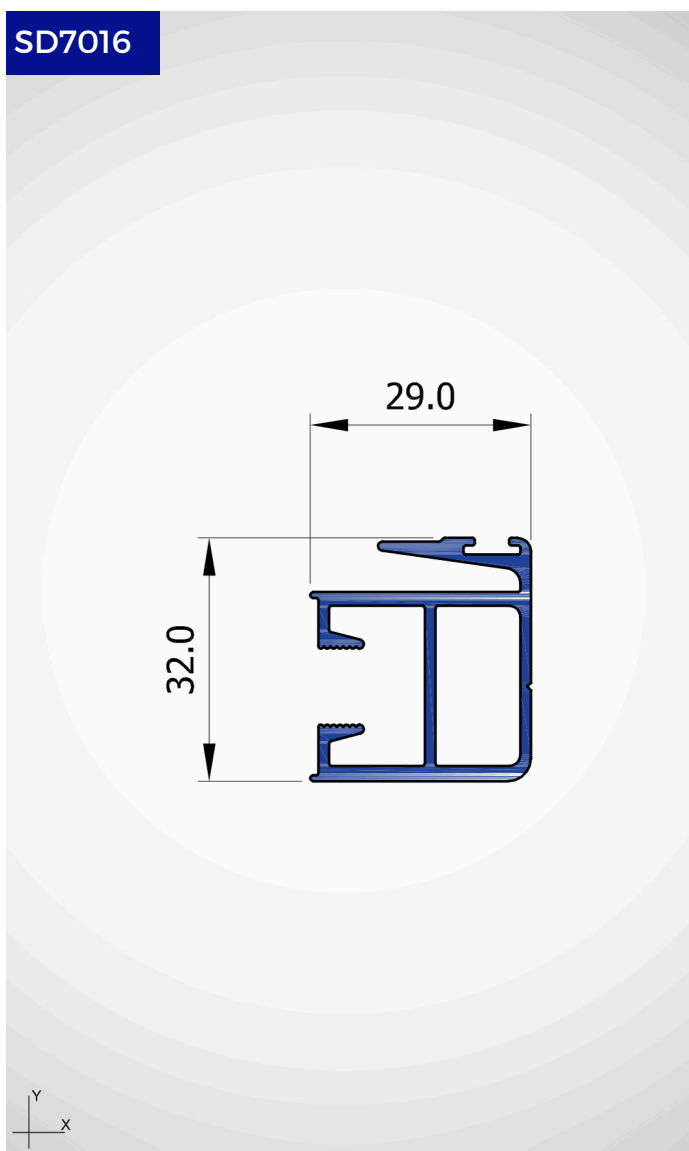
5.98m

INERTIA: Ixx: 4.369 cm⁴ / Iyy: 1.848 cm⁴

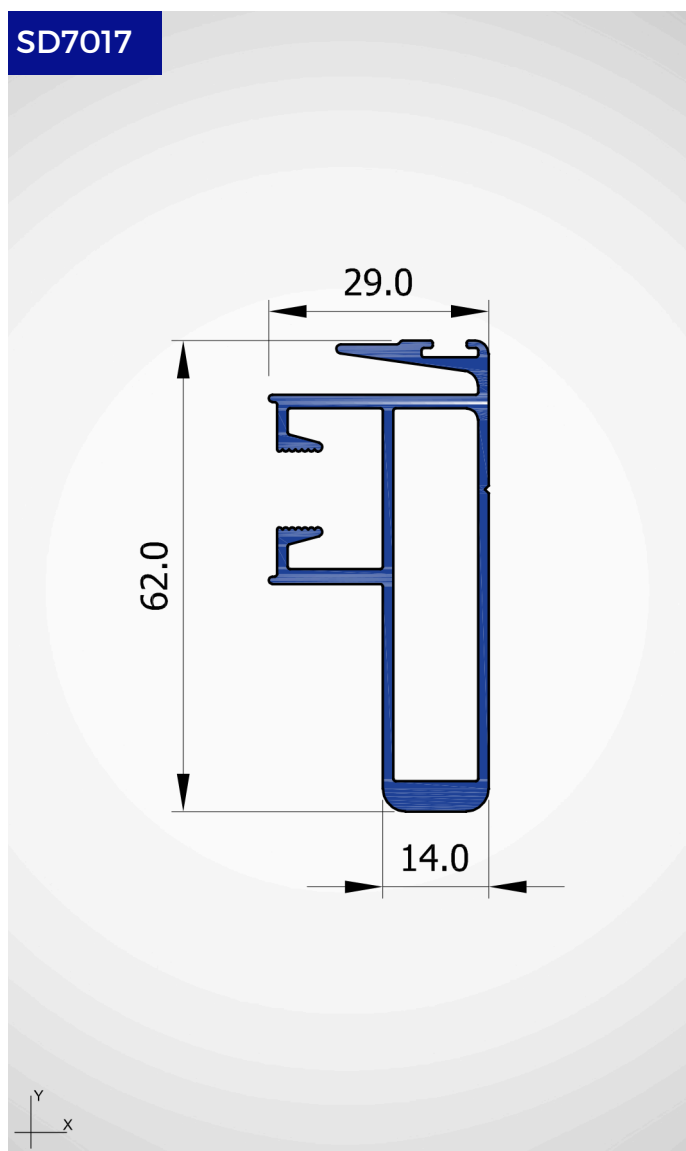
Scale: 1:1 A4

PSD - INTERLOCKERS

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SD7016	PATIO SLIDER INTERLOCKER	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SD7017	PATIO SLIDER INTERLOCKER HD	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



PATIO SLIDER INTERLOCKER
6.50m
INERTIA: Ixx: 2.859 cm⁴ / Iyy: 1.957 cm⁴

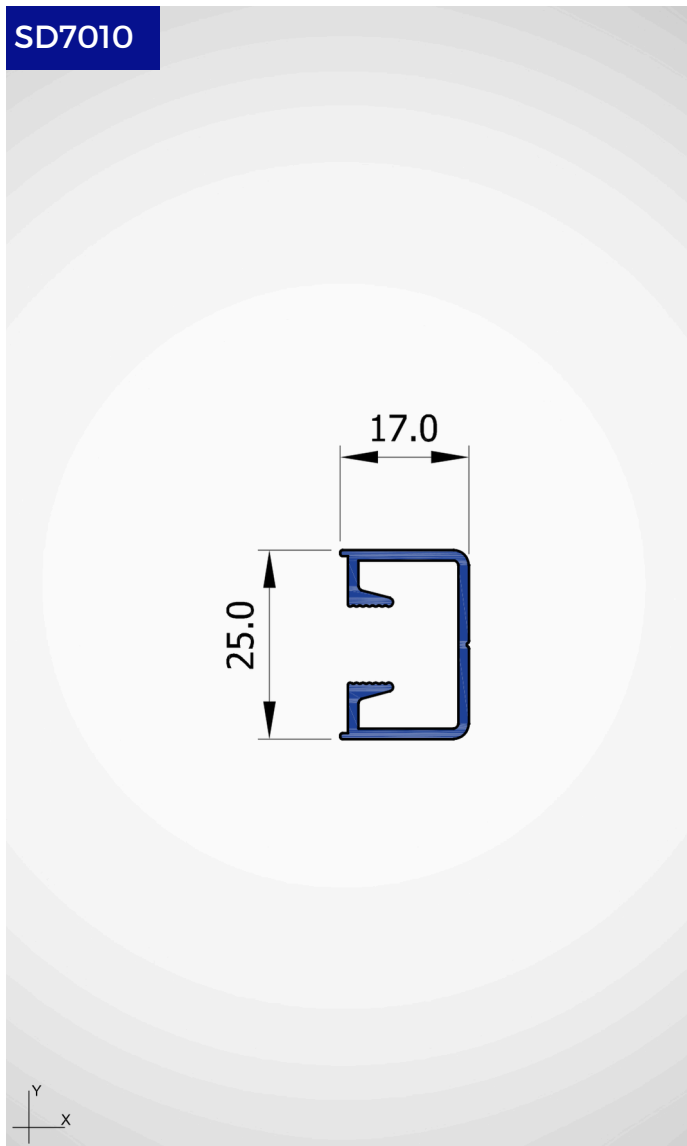


PATIO SLIDER INTERLOCKER HD
6.50m
INERTIA: Ixx: 14.165 cm⁴ / Iyy: 2.567 cm⁴

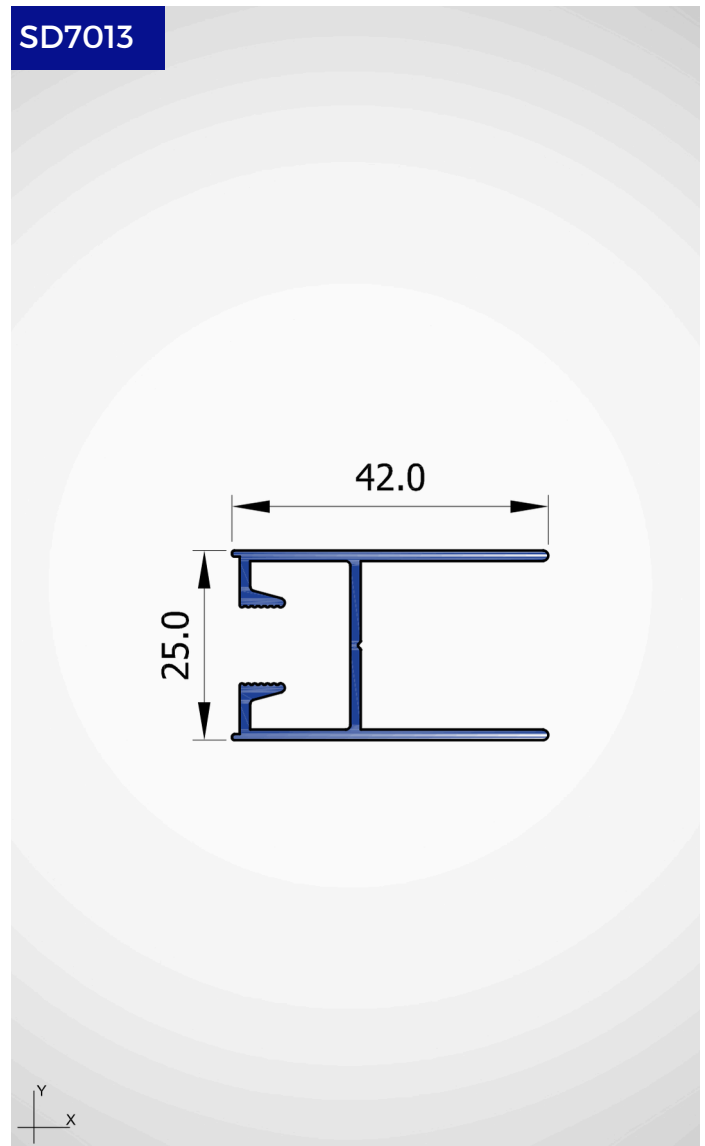
Scale: 1:1 A4

PSD - FIXED STILE

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SD7010	PATIO SLIDER FIXED STILE OX	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SD7013	PATIO SLIDER FIXED STILE OXXO	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



PATIO SLIDER FIXED STILE OX
6.50m
INERTIA: Ixx: 0.912 cm⁴ / Iyy: 0.379 cm⁴



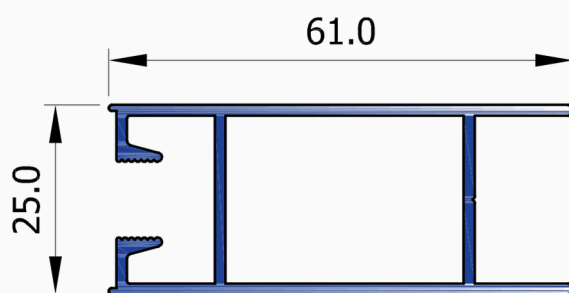
PATIO SLIDER FIXED STILE OXXO
6.50m
INERTIA: Ixx: 1.886 cm⁴ / Iyy: 2.402 cm⁴

Scale: 1:1 A4

PSD - LOCK STILE

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SD7011	PATIO SLIDER LOCK STILE	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SD7111	PATIO SLIDER LOCK STILE BULL NOSE	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SD7011

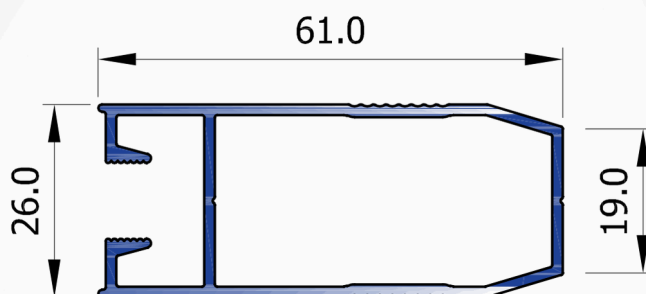


PATIO SLIDER LOCK STILE

6.50m

INERTIA: I_{xx} : 2.80 cm⁴ / I_{yy} : 9.14 cm⁴

SD7111



PATIO SLIDER LOCK STILE BULL NOSE

6.50m

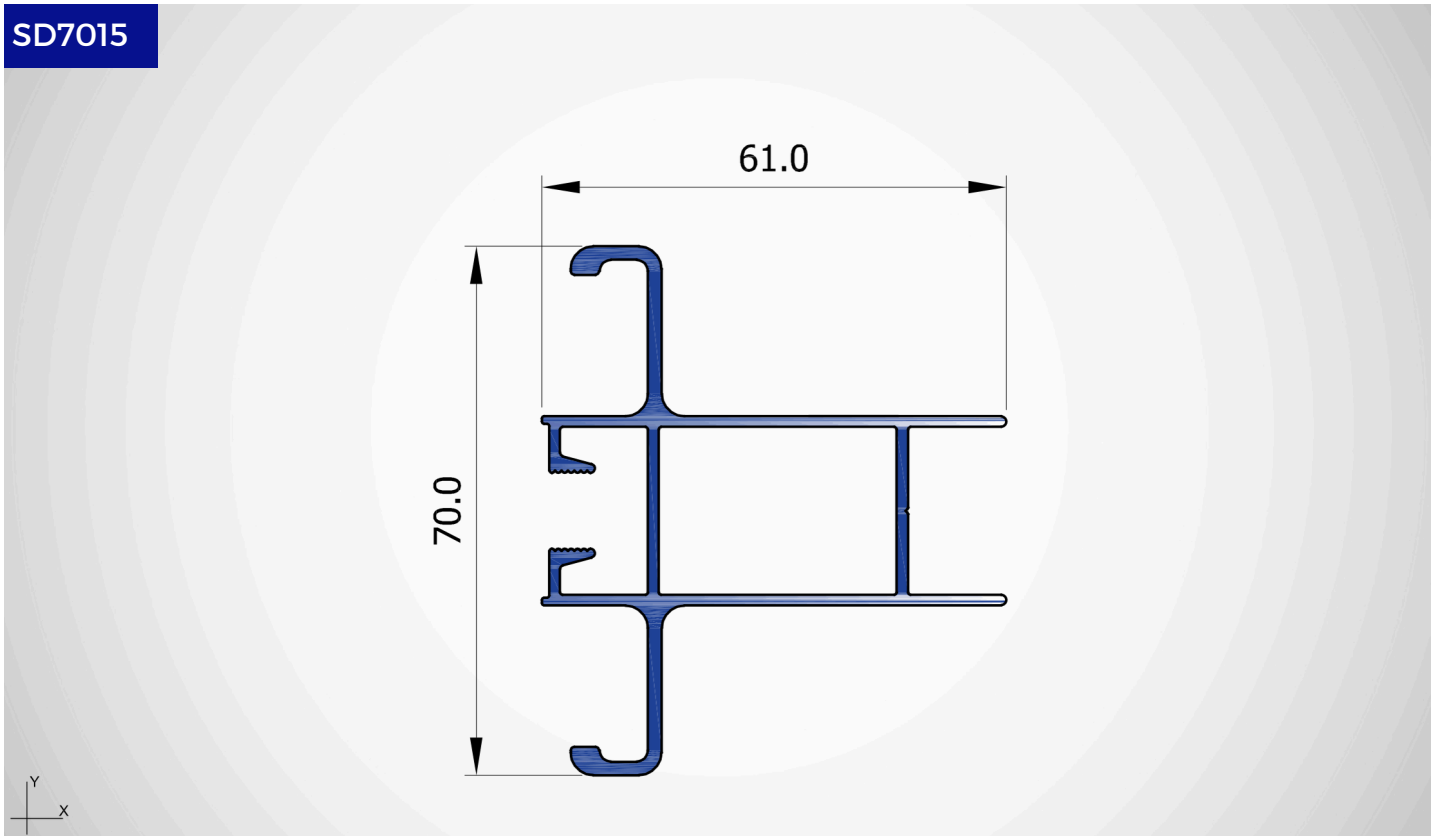
INERTIA: I_{xx} : 2.79 cm⁴ / I_{yy} : 10.65 cm⁴

Scale: 1:1 A4

PSD - MEETING STILE

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SD7015	PATIO SLIDER MEETING STILE FEMALE HD OXXO	6.50	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

SD7015



PATIO SLIDER MEETING STILE FEMALE HD OXXO

6.50m

INERTIA: I_{xx} : 12.98 cm⁴ / I_{yy} : 11.43 cm⁴

Scale: 1:1 A4

TECHNICAL INFORMATION

DESCRIPTION & PURPOSE

The Patio Sliding Door and Window System is a trusted system with minimalistic framing which promotes a larger viewing area. It offers multiple locking mechanisms and a night latch for added safety and comfort.

BENEFITS OF THE PATIO SLIDING DOOR & WINDOW

- Configuration: This system is ideal for applications where conventional hinged doors cannot be used due to space limitations.
- Standard colours: Patio Sliding Door material is stocked in mill finish, white, black, bronze, silver and charcoal.
- Special colours: A wide range of custom powder coating options are available, with a minimum lead time of 20 working days. Providing you with endless possibilities to bring your vision to life.

ADDITIONAL FEATURES

- The system can accommodate glazing from 4mm – 6.38mm and 16mm double glazed glass.
- The system is easy to fabricate and install with multiple configurations.
- A night latch is available for extra security.
- Various cost effective PVC Gaskets are available.
- The Santoprene Gasket Range can be requested as a special order.





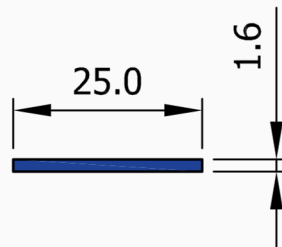
ENGINEERING

HERITAGE
BY H SYSTEMS

ENGINEERING - FLAT BARS

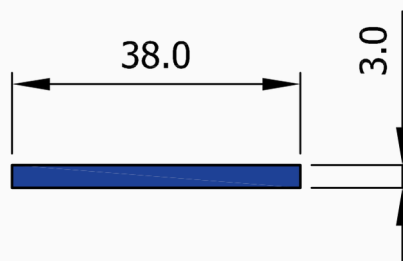
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
FL2516	FLAT BAR 25/1.5	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
FL3830	FLAT BAR 38/3.0	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
FL5020	FLAT BAR 50/2.0	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
FL7613	FLAT BAR 75/1.3	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

FL2516



FLAT BAR 25/1.5
5.98m

FL3830

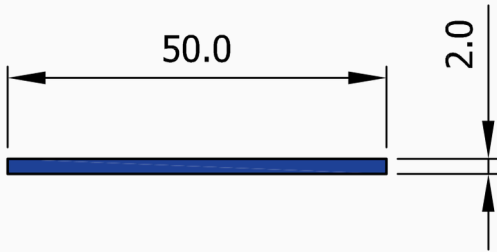


FLAT BAR 38/3.0
5.98m

Scale: 1:1 A4

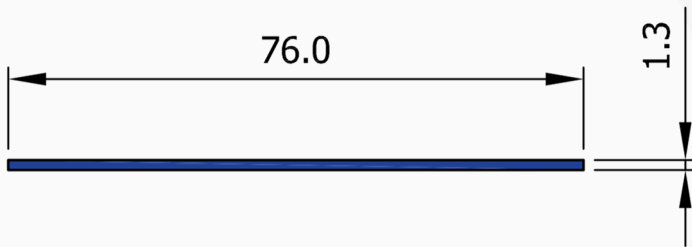
ENGINEERING - FLAT BARS

FL5020



FLAT BAR 50/2.0
5.98m

FL7613



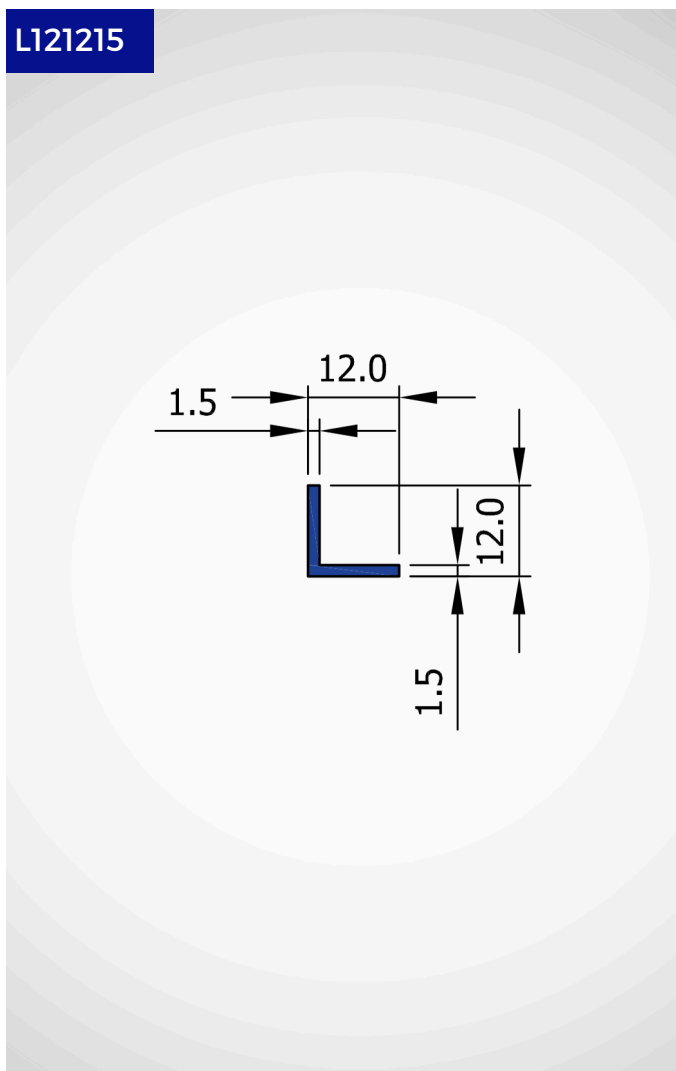
FLAT BAR 75/1.3
5.98m

Scale: 1:1 A4

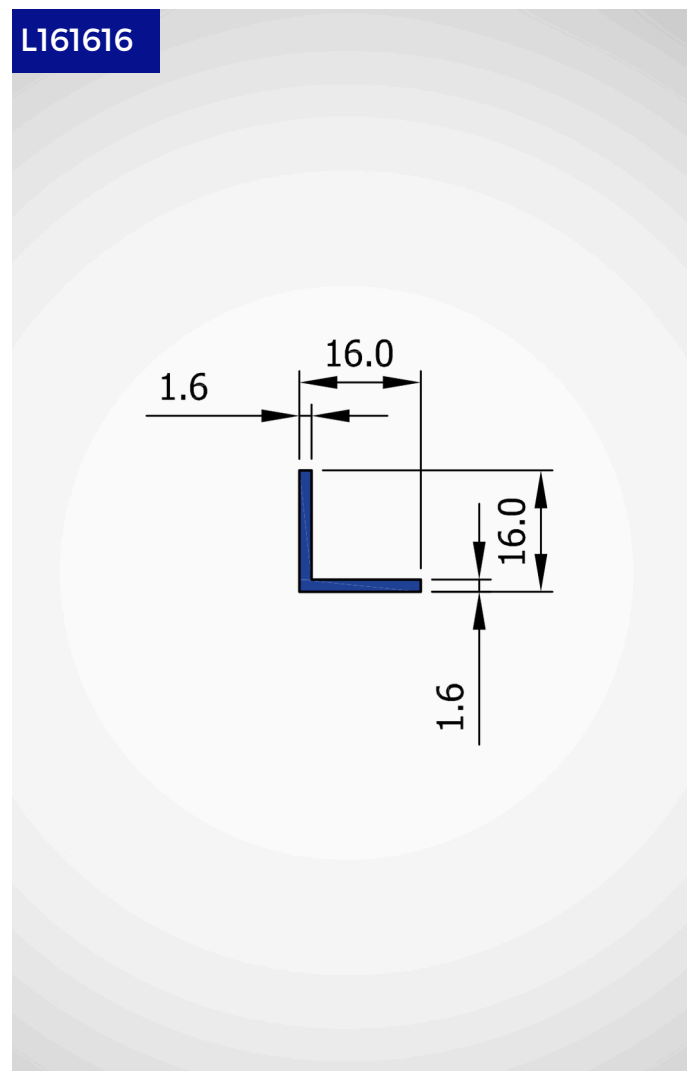


ENGINEERING - EQUAL ANGLES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
L121215	EQUAL ANGLE 12/12/1.5	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
L161616	EQUAL ANGLE 16/16/1.5	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
L252516	EQUAL ANGLE 25/25/1.6	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
L383820	EQUAL ANGLE 38/38/2.0	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
L505020	EQUAL ANGLE 50/50/2.0	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



EQUAL ANGLE 12/12/1.5
5.98m

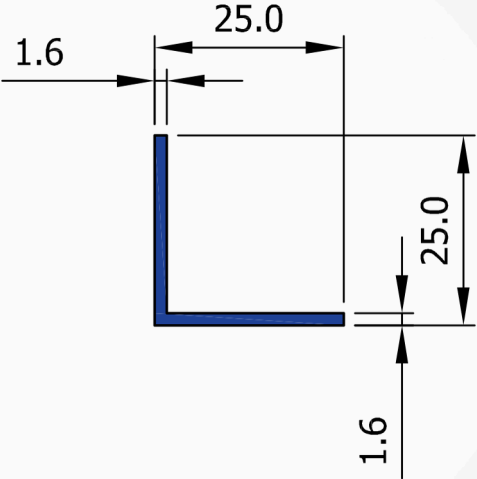


EQUAL ANGLE 16/16/1.5
5.98m

Scale: 1:1 A4

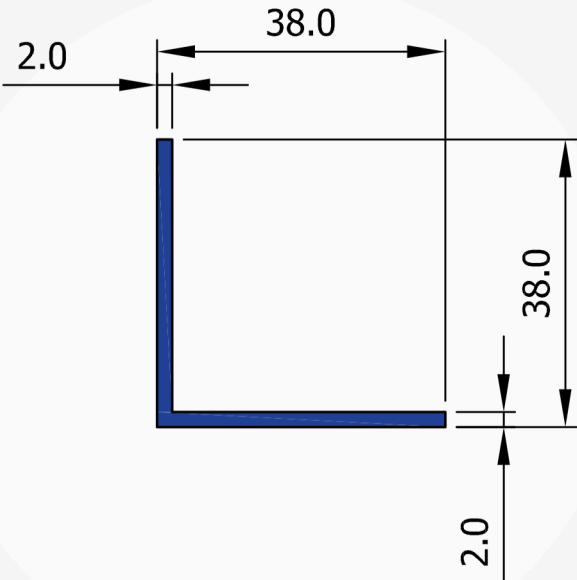
ENGINEERING - EQUAL ANGLES

L252516



EQUAL ANGLE 25/25/1.6
5.98m

L383820

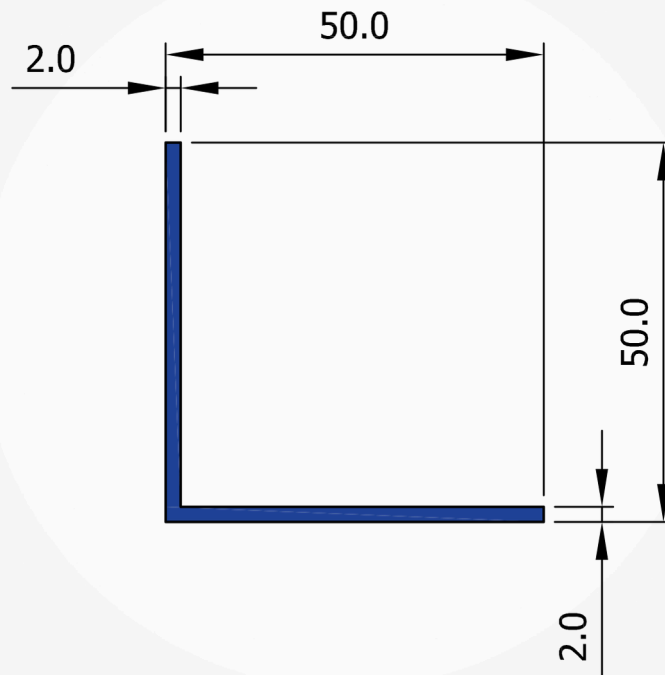


EQUAL ANGLE 38/38/2.0
5.98m

Scale: 1:1 A4

ENGINEERING - EQUAL ANGLES

L505020



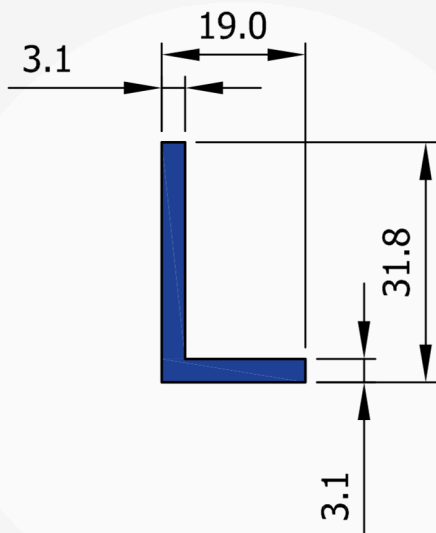
EQUAL ANGLE 50/50/2.0
5.98m

Scale: 1:1 A4

ENGINEERING - UNEQUAL ANGLES

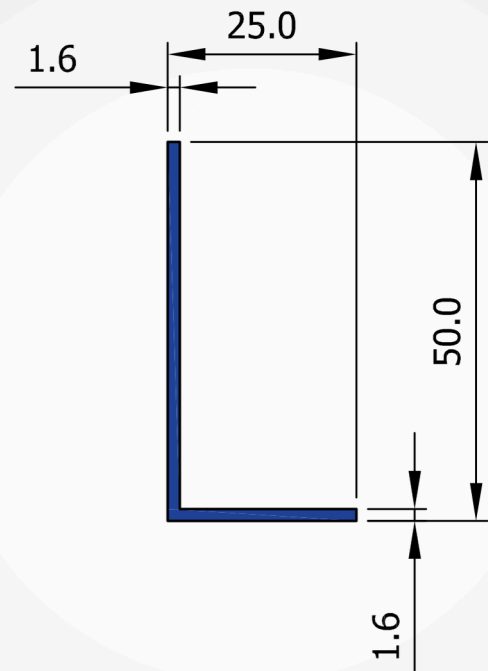
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
L311930	UNEQUAL ANGLE 31.75/19/3.1	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
L502516	UNEQUAL ANGLE 50/25/1.5	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3

L311930



UNEQUAL ANGLE 31.75/19/3.1
5.98m

L502516

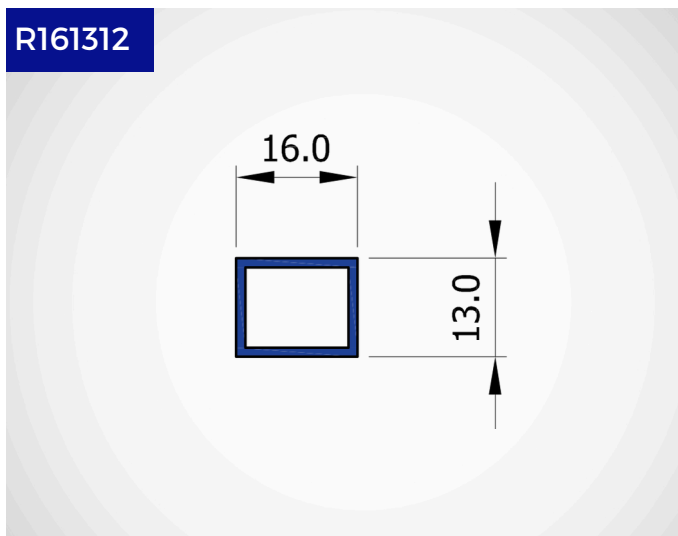


UNEQUAL ANGLE 50/25/1.5
5.98m

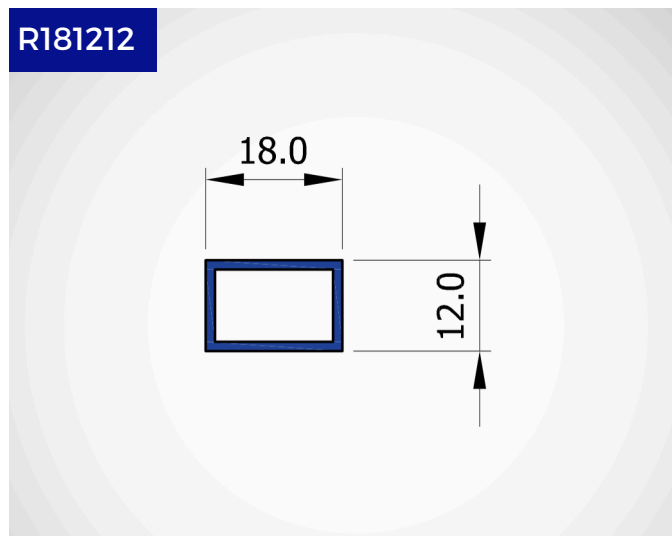
Scale: 1:1 A4

ENGINEERING - RECTANGULAR TUBES

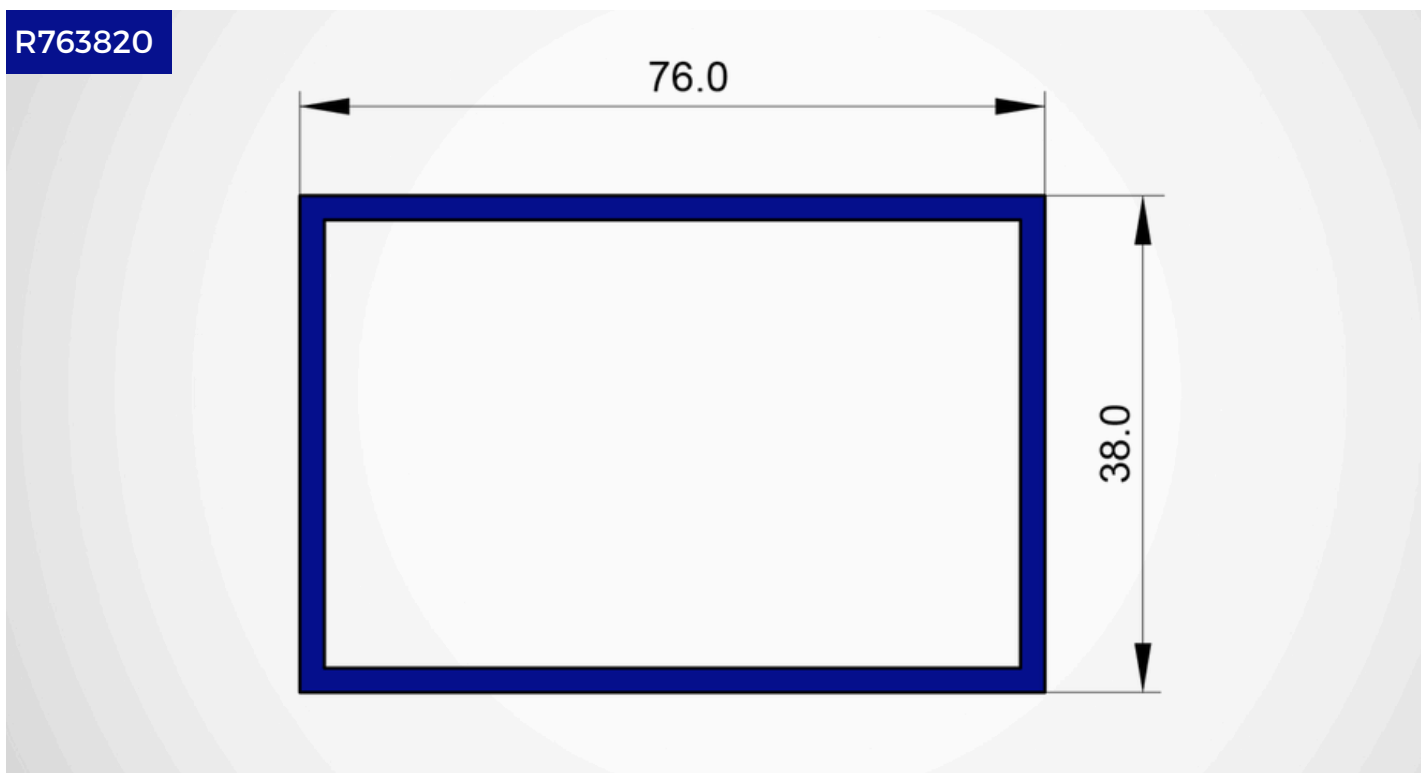
CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
R161312	RECTANGULAR TUBE 16 X 13	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
R181212	RECTANGULAR TUBE 18/12/1.2	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
R763820	RECTANGULAR TUBE 76/38/2	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



RECTANGULAR TUBE 16 X 13
5.98m



RECTANGULAR TUBE 18/12/1.2
5.98m

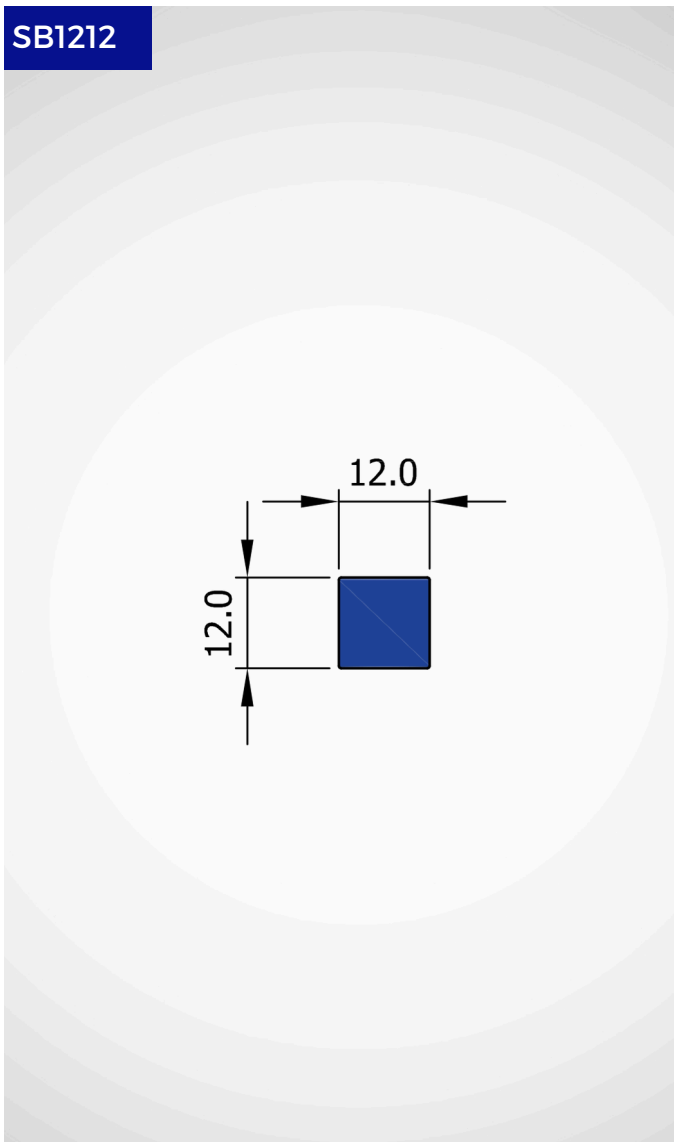


RECTANGULAR TUBE 76/38/2
5.98m

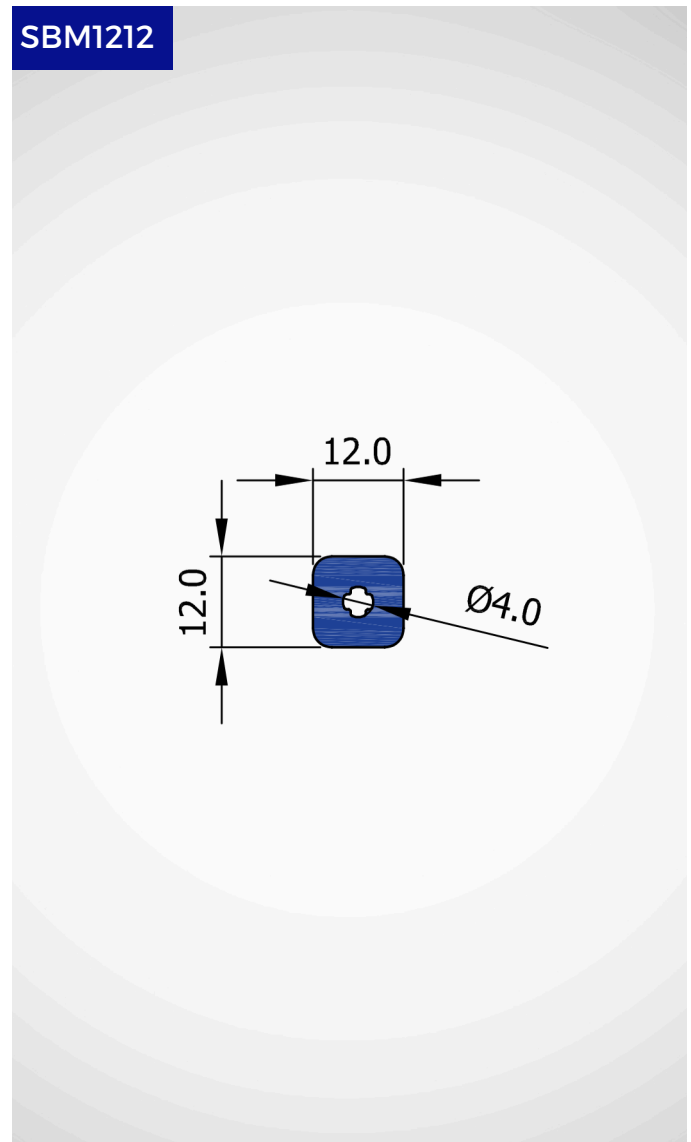
Scale: 1:1 A4

ENGINEERING - SQUARE (BURGLAR) BAR

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SB1212	SQUARE (BURGLAR) BAR 12/12	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3
SBM1212	SQUARE (BURGLAR) BAR WITH SCREWPORT 12/12 M	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



SQUARE (BURGLAR) BAR 12/12
5.98m

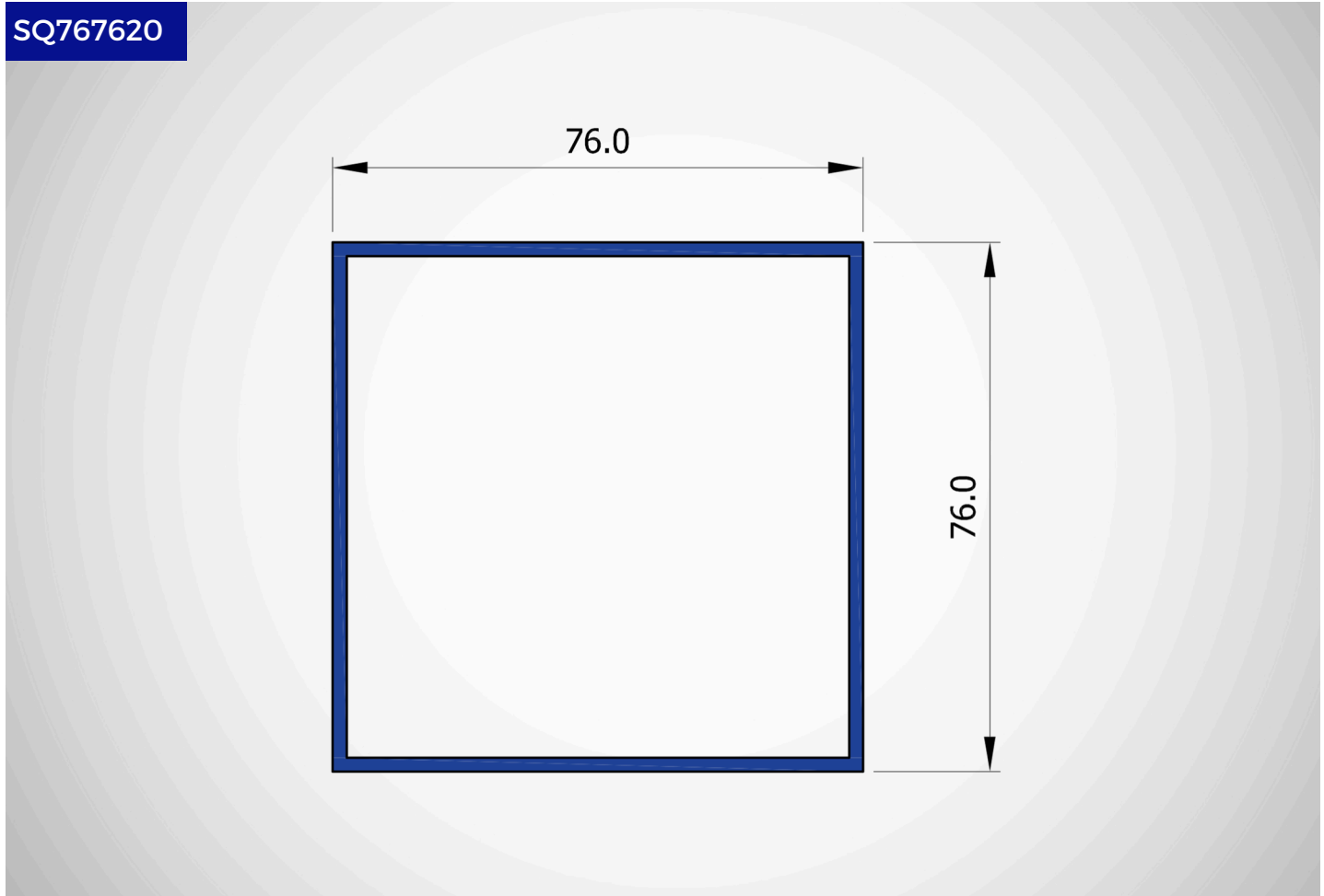


SQUARE (BURGLAR) BAR WITH SCREWPORT 12/12 M
5.98m

Scale: 1:1 A4

ENGINEERING - SQUARE TUBES

CODE	DESCRIPTION	LENGTH	STANDARD COLOURS	SPECIAL COLOURS
SQ767620	SQUARE TUBE 76/76/2	5.98	BE, BZE, CH, SE, WE, MF	PC1, PC2, PC3



SQUARE TUBE 76/76/2
5.98m



POWDER COATING COLOURS

HERITAGE
BY H SYSTEMS

POWDER COATING COLOURS

PAINT & FINISHING

H Systems (Pty) Ltd has formed partnerships with different established powder coaters to provide the necessary paint and finishing services to all architectural manufacturers. H Systems and our partners offer tailored powder coating solutions to meet the specific requirements of different projects.

POWDER COATING ARCHITECTURAL ALUMINIUM PROFILES HAVE VARIOUS BENEFITS, INCLUDING, BUT NOT LIMITED TO:

- Solvent free – No V.O.C (Volatile Organic Compounds) emission.
- Low fire hazard risk.
- Waste powder can be recycled.
- Increased durability of finishes on the final product.
- Superior corrosion resistance acting as a barrier to corrosive chemicals and moisture.
- Superior chemical resistance.
- Superior heat resistance.
- Superior abrasion and scratch resistance.
- Powders are formulated to withstand high impact.
- Superior quality finish.

Our flexible services mean that we can tailor make a powder coating solution to meet the specific needs of your projects.

POWDER COATING SPECIFICATIONS AVAILABLE:

- Various finishes (matt, gloss, satin, or textured).
- Various classifications (D1001, D1025, D1036 & D2525).
- Various colours.
- Akzo Nobel or Ferro product categories.
- Powder coating has a minimum lead time of 20 working days.

POWDER OPTIONS:

- Class 1 – Powder
- Class 2 – Powder
- Textured Class 2 – Powder



POWDER COATING COLOURS

OLD PRODUCT CODE	NEW PRODUCT CODE	BRAND	COLOUR	AVAILABILITY	CATEGORY CLASSIFICATION
CLASS 1 PRODUCTS					
ANP1011	LK051P	D1025	GLOSS FENCE GREEN	STOCK	PRICE ON REQUEST
ANP1021	LL050P	D1025	GLOSS SEAL GREY	STOCK	PRICE ON REQUEST
ANP1052	LA050P	D1025	GLOSS DUCT WHITE	STOCK	1
ANP1053	LK056P	D1025	GLOSS SPRINGBOK GREEN	STOCK	2
ANP1055	LL058P	D1025	GLOSS CHARCOAL	STOCK	2
ANP1064	LD057P	D1025	GLOSS LIGHT BEIGE	STOCK	PRICE ON REQUEST
ANP1611	LJ055P	D1025	GLOSS STRONG BLUE	STOCK	PRICE ON REQUEST
ANP17030	LL030P	D1025	GLOSS STONE GREY	STOCK	PRICE ON REQUEST
ANP17035	LL035P	D1025	GLOSS LIGHT GREY	STOCK	PRICE ON REQUEST
ANP1712	LL052P	D1025	GLOSS DK ADMIRAL GREY	STOCK	1
ANP1729	LL053P	D1025	GLOSS LIGHT GREY (SABS G29)	STOCK	PRICE ON REQUEST
ANP19006	LW006P	D1025	GLOSS WHITE ALUMINIUM metallic	STOCK	PRICE ON REQUEST
ANP19010	LA010P	D1025	GLOSS PURE WHITE	STOCK	2
ANP3046	LM253P	D1025	MATT LIGHT BRONZE	STOCK	PRICE ON REQUEST
ANP3050	LA251P	D1025	MATT HIPCA WHITE	STOCK	PRICE ON REQUEST
ANP3055	LL258P	D1025	MATT CHARCOAL	STOCK	1
ANP3056	LM257P	D1025	MATT NM BRONZE	STOCK	PRICE ON REQUEST
ANP3057	LL259P	D1025	MATT UMBER GREY	STOCK	1
ANP3064	LD257P	D1025	MATT LIGHT BEIGE	STOCK	PRICE ON REQUEST
ANP37035	LL235P	D1025	MATT LIGHT GREY	STOCK	2
ANP39002	LA202P	D1025	MATT GREY WHITE	STOCK	PRICE ON REQUEST
ANP39003	LA203P	D1025	MATT SIGNAL WHITE	STOCK	PRICE ON REQUEST
ANP39005	LN205P	D1025	MATT JET BLACK	STOCK	1
ANP39006	LW206P	D1025	MATT WHITE ALUMINIUM METALLIC	STOCK	3
ANP39007	LW207P	D1025	MATT GREY ALUMINIUM METALLIC	STOCK	3
ANP39010	LA210P	D1025	MATT PURE WHITE	STOCK	2
ANP39016	LA216P	D1025	MATT TRAFFIC WHITE	STOCK	PRICE ON REQUEST
ANP9052	LX203P	D1025	MATT BLACK BRONZE	STOCK	PRICE ON REQUEST
ANP9054	LW201P	D1025	MATT COWRIE GOLD	STOCK	PRICE ON REQUEST
ANP9085	LX201P	D1025	MATT BRONZE 543 METALLIC	STOCK	1
ANP9089	LX202P	D1025	MATT NEW SILVER METALLIC	STOCK	1
ITC13020	RG020P	D1036	GLOSS TRAFFIC RED	STOCK	PRICE ON REQUEST
ITC17016	RL016P	D1036	GLOSS ANTHRACITE GREY	STOCK	PRICE ON REQUEST
ITC18014	RM014P	D1036	GLOSS SEPIA BROWN	STOCK	PRICE ON REQUEST
ITC2002	MN750P	D1036	SATIN BLACK	STOCK	1
ITC3004	RK263P	D1036	MATT LIGHT MOSS GREEN	STOCK	PRICE ON REQUEST
ITC37016	RL216P	D1036	MATT ANTHRACITE GREY	STOCK	PRICE ON REQUEST
ITC37024	RL224P	D1036	MATT GRAPHITE GREY	STOCK	PRICE ON REQUEST
ITC37044	RL244P	D1036	MATT SILK GREY	STOCK	PRICE ON REQUEST
PLEASE NOTE THAT ALL ITC PRODUCTS ARE NOT QUALICOAT APPROVED					

POWDER COATING COLOURS

OLD PRODUCT CODE	NEW PRODUCT CODE	BRAND	COLOUR	AVAILABILITY	CATEGORY CLASSIFICATION
	DX201P	D1001	MATT ALUBRONZE	STOCK	1
	DL258P	D1001	MATT ALUCHARCOAL	STOCK	1
	DA055P	D1001	GLOSS ALUWHITE	STOCK	1
	DN205P	D1001	MATT ALUBLACK	STOCK	1
	DX202P	D1001	MATT ALUSILVER	STOCK	1
	VP71229	HIQ	ANTHRACITE GREY	STOCK	1
	VP71232	HIQ	STONE GREY	STOCK	1
	VP71235	HIQ	SILK GREY	STOCK	2
CLASS 2 PRODUCTS					
QL221P	QL221P	D2525T	MATT BLACK GREY	STOCK	PRICE ON REQUEST
QL259P	QL259P	D2525T	MATT DARK UMBER GREY	STOCK	PRICE ON REQUEST
QQL216P	QL216P	D2525T	MATT ANTHRACITE GREY	STOCK	PRICE ON REQUEST
QQL258	QL258P	D2525T	MATT CHARCOAL	STOCK	PRICE ON REQUEST
QQN205	QN205P	D2525T	MATT JET BLACK	STOCK	PRICE ON REQUEST
QQX202	QX202P	D2525T	MATT NEW SILVER METALLIC	STOCK	PRICE ON REQUEST
QQX203	QX203P	D2525T	MATT BLACK BRONZE	STOCK	PRICE ON REQUEST
TEXTURED PRODUCTS - CLASS 2					
	QN305P	CLASS 2	TEXTURED BLACK	STOCK	PRICE ON REQUEST
	QL330P	CLASS 2	TEXTURE STONE GREY	STOCK	PRICE ON REQUEST
	QL316P	CLASS 2	TEXTURED ANTHRACITE	STOCK	PRICE ON REQUEST
	QL350P	CLASS 2	TEXTURED UMBRA GREY	STOCK	PRICE ON REQUEST
	QW330P	CLASS 2	TEXTURED STARLIGHT	STOCK	PRICE ON REQUEST
	PTX903	CLASS 2	TEXTURED WHITE	CHANGED TO MTO AS NOT A MOVING PRODUCT	PRICE ON REQUEST

SPECIAL / MADE TO ORDER (MTO) PRODUCTS

AKZO NOBEL PRODUCTS:

GLOSS / MATT / SATIN - MINIMUM QUANTITY OF 4 BOXES (80KG) - amended 1.02.2023 by Akzo Nobel.

- Please allow time of a minimum of 20 working days, subject to availability of raw materials, for MTO products.

FERRO PRODUCTS (VP):

GLOSS - MINIMUM QUANTITY OF 1 BOX (20KG) + Surcharge per box.

MATT - MINIMUM QUANTITY OF 2 BOXES (40KG) + Surcharge per box.

- Please allow time of a minimum of 20 working days, subject to availability of raw materials, for MTO products.

FOR SPECIAL COLOURS, THE EXCESS POWDER WILL BE CHARGED FOR.

Please note that for the D2525 products, even though the excess powder is charged for, the powder is kept in stock at our supplier, but remains the property of the customer, under the terms and conditions of the guarantee / warranty.

THE SHELF LIFE OF POWDER IS 12 MONTHS.

FOR TECHNICAL REASONS ASSOCIATED WITH COLOUR REPRODUCTION, THE COLOURS SHOWN ON THE COLOUR CARDS GIVE ONLY AN INDICATION OF SHADE AND GLOSS LEVEL.

Powder coated aluminium panels, on the stock colours, are available from our laboratory for shade and gloss verification.

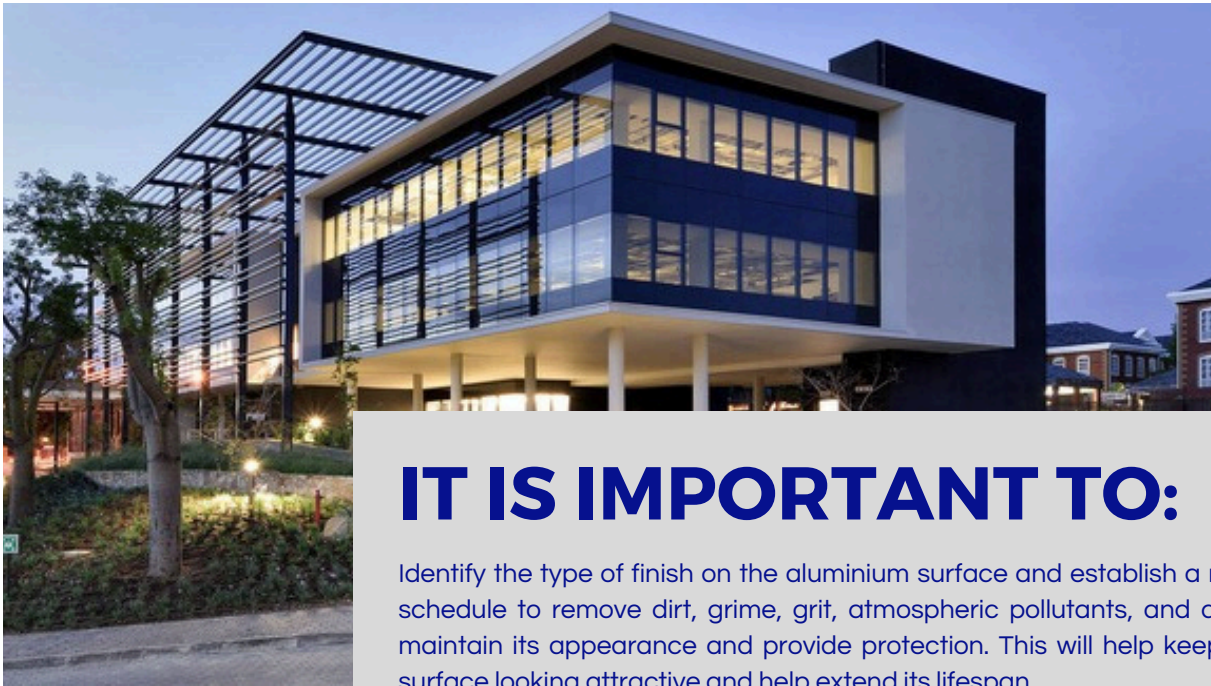
Powder coated aluminium panels, on the MTO colours, are available from the Supplier's laboratory but there could be a delay of approximately 10 working days.



GENERAL CARE & MAINTENANCE GUIDELINE

ALUMINIUM CARE & MAINTENANCE

Maintaining the appearance and performance of aluminium surfaces is crucial for those who utilize the material in their projects, such as architects, contractors, building managers, and owners. Regular care and maintenance is required to ensure that aluminium products have a long lifespan and continue to perform at optimal levels. It's important to be mindful that aluminium finishes, such as powder coating, coil coating, or anodizing, cannot be repaired or restored to their original condition using any hazardous substances. It's best to follow the manufacturer's guidelines for the proper care and maintenance of the specific alloy of aluminium being used.



IT IS IMPORTANT TO:

Identify the type of finish on the aluminium surface and establish a regular cleaning schedule to remove dirt, grime, grit, atmospheric pollutants, and discolouration to maintain its appearance and provide protection. This will help keep the aluminium surface looking attractive and help extend its lifespan.

KEEP YOUR ALUMINIUM JOINERY LOOKING ITS BEST

Proper care and maintenance of your aluminium joinery on your new windows and doors is essential in ensuring they remain in optimal condition. These resources will provide you with a comprehensive guide on how to properly care for your aluminium joinery.

It is important to establish a regular cleaning and maintenance program to meet warranty requirements and maintain the aesthetic appeal of your windows and doors for many years to come.

After the construction project is complete, it is important to thoroughly clean the interior of all window and door sills of any builder's debris and dirt to ensure drainage holes are not obstructed. This is particularly important for doorways that were frequently used during the construction phase. As part of your regular maintenance program, be sure to clean door sills, tracks and all drainage holes regularly.

DISCLAIMER

The information, recommendations, and advice provided in this H Systems (Pty) Ltd publication are given in good faith and are based on the current procedures and knowledge of the company. H Systems (Pty) Ltd cannot be held responsible for any loss incurred as a result of incorrect or faulty use of the publication. The company has taken great care to ensure that the information provided within this guideline is accurate. However, H Systems (Pty) Ltd will not be held responsible for any errors or omissions that may have occurred inadvertently.

These recommendations are intended to assist architects, contractors, owners, building managers, and others who are concerned with the care and maintenance of coatings for architectural aluminium installations. The suggested methods are intended to help establish safe and sound cleaning and maintenance procedures. Although certain proprietary products are mentioned, they are included solely as a reference.

The Aluminium Surface Finishers Association, operating under the aegis of the Aluminium Federation of South Africa, is the body that provides expert advice on finishing and maintenance of coatings for architectural aluminium.

Some of the information in this document is obtained from the Association of Architectural aluminium Manufacturers of South Africa (AAAMSA), and H Systems (Pty) Ltd acknowledges the origin.

GENERAL

Anodic and Powder Coatings on aluminium do not normally show an appreciable amount of dirt collection. In many atmospheres dirt or soil would not indicate a detrimental risk to the coating, but cleaning and surface care may be desirable for the sake of appearance.

Cleaning may become desirable in areas where heavy industrial deposits have dulled the surface, where materials from construction processes have soiled the surface or where cleaner run-down from other surfaces should be removed.

Local atmospheric conditions as well as building location within a geographical area quite naturally have an effect on cleanliness. Very often, rainfall may be sufficient to keep exterior surfaces appearing clean and bright. These factors coupled with owner perspective regarding surface appearance probably would determine cleaning schedules. Areas that are in direct sight at lower levels would more likely be cleaned.

Less obvious areas would be less frequently cleaned or in some instances, hardly at all. Cleaning of anodised and powder-coated aluminium may be scheduled with other cleaning. For example, glass coated aluminium components can be cleaned at the same time.

Cleaning will be more often required in areas of low rainfall or in heavily industrialized areas. Foggy coastal regions with frequent cycles of condensation and drying may tend to give a build-up of atmospheric salts and dirt.

In any climate, sheltered areas such as overhangs may become soiled because of lack of rain-washing. Thorough rinsing of Anodic and Powder Coatings on aluminium is especially important after cleaning of these sheltered areas.

CLEANING OF POWDER COATINGS ON ARCHITECTURAL ALUMINIUM

Construction soils, including concrete or mortar, etc., should be removed as soon as possible. Try to restrict cleaning to mild weather. Cleaning should be done on the shaded side of the building or ideally on a mild, cloudy day. Method of cleaning, type of cleaner, etc., of one component of the building must be used with consideration for other components such as glass, sealants, painted surfaces, etc.

- Over cleaning or excessive rubbing can do more harm than good.
- Strong solvents or strong cleaner concentrations can cause damage to painted surfaces.
- Perform a cleaning test patch in a lesser visible area, before cleaning the entire element.
- Avoid abrasive cleaners. Do not use household cleaners that contain abrasives on painted surfaces.
- Abrasive materials such as steel wool, abrasive brushes, etc., can wear and harm finishes.
- Avoid drips and splashes. Remove run downs as quickly as possible.
- Avoid temperature extremes. Heat accelerates chemical reactions and may evaporate water from solution.
- Extremely low temperature may give poor cleaning effects. Cleaning under adverse conditions may result in streaking or staining. Ideally, cleaning should be done in shade at moderate temperature.
- Do not substitute a heavy duty cleaner for frequently used mild cleaner.
- Do not scour painted surfaces.
- Never use paint removers, aggressive alkaline, acid or abrasive cleaners. Do not use trisodium phosphate or highly alkaline or highly acid cleaners. Always do a test surface.
- Follow manufacturer's recommendations for mixing and diluting cleaners.
- To prevent marking, make sure cleaning sponges, cloth etc. are grit free.



CLEANING OF ANODIC COATINGS ON ARCHITECTURAL ALUMINIUM

As with any finished building material, aluminium requires reasonable care prior to and during installation and periodic cleaning and maintenance after installation. Although anodized aluminium is exceptionally resistant to corrosion, discolouration and wear, its natural beauty can be marred by harsh chemicals, abuse or neglect. Such conditions usually affect only the surface finish but do not reduce the service life of the aluminium. Correctly identify the aluminium finish to be cleaned when selecting an appropriate cleaning method. Check specifications and/or as built drawings if in doubt as to finish.

- Never use aggressive alkaline or acid cleaners on aluminium finishes. It is important not to use cleaners containing trisodium phosphate, phosphoric acid, hydrochloric acid, hydrofluoric acid, fluorides, or similar compounds on anodised aluminium surfaces. Test clean a small area first. Different cleaners should not be mixed.
- Strong cleaners should not be used on windows and other building accessories where it is possible for the cleaner to come in contact with the aluminium.
- Cleaners containing strong organic solvents will have a deleterious effect on organic overlay coatings, but not on anodised aluminium.
- Solutions of water and mild detergents should be used on windows.
- It is preferable to clean the metal when shaded. Do not attempt to clean hot, sun-heated surfaces since possible chemical reactions on hot metal surfaces will be highly accelerated and cleaning non-uniformity can occur. Surfaces cleaned under these adverse conditions can become streaked or stained so that they cannot be restored to their original appearance. Also avoid cleaning in freezing temperatures or when metal temperatures are sufficiently cold to cause condensation.
- Apply the cleaning solution only to an area that can be conveniently cleaned without changing position. Thoroughly rinse the surface with clean water before applying cleaner. Minimize cleaner rundown over the lower portions of the building and rinse such areas as soon and as long as practical.



REMOVAL OF LIGHT SURFACE SOIL (ANODIC COATINGS)

- Removal of light surface soil may be accomplished by alternative methods, work should start at the top of the building by rinsing an area the width of the stage or scaffolding to the ground level in continuous drop with forceful water spray. This should be done at the beginning and the end of each drop regardless of the final cleaning materials employed.
- The simplest procedure is to flush the surface with water using moderate pressure to dislodge the soil.
- If the soil is still present after air-drying the surface, clean the surface with a brush or sponge and water (concurrent spraying with water and sponging).
- If soil is still adhering, then a mild detergent cleaner should be used with a brush or sponge. The washing should be accomplished with uniform pressure, cleaning across the metal surface in the direction of the metal grain. The surface must be thoroughly rinsed by spraying with clean water and thoroughly dried.

Caution:

MEK and similar solvents may damage organic sealants, gaskets and finishes used on window, curtain wall and stopfront assemblies. They must be used with great care and not allowed to come in contact with organic materials. Their use must be avoided on anodic finishes protected by clear organic coatings. Organic solvents should be used only in accordance with manufacturer's safety recommendations.

REMOVAL OF HEAVY SURFACE SOIL (ANODIC COATINGS)

- Hand scrub the metal surface using a palm-size nylon abrasive cleaning pad, thoroughly wet with fresh water or a mild detergent cleaner. Start at top and work down, rubbing with uniform pressure across the metal surface in the direction of the metal grain.
- Scrubbing with a nylon-cleaning pad wet with surface protecting material is also suggested for removing stubborn soils and stains.
- After scrubbing, the metal surface should be rinsed thoroughly with clean water or wiped with solvent to remove all residues. It may be necessary to sponge the surface while rinsing, particularly if cleaner is permitted to dry on the surface.
- The rinsed surface is either permitted to air dry or is wiped dry with a chamois, squeegee or lint-free cloth.
- Use of power cleaning tools may be necessary for removal of usually heaving soils from large areas including panels and column covers.

Caution:

These procedures must not be used on surface with a factory applied clear organic protective coating (lacquer) unless the clear coating has deteriorated and should be removed.

MAINTENANCE OF HARDWARE AND ACCESSORIES

Remove the dust, grease and graphite from the following areas:

- Window gearing
- Friction hinges
- Moving parts of the handles
- Locks and cylinders, using a graphite pipette and graphite powder
- The opening restrictor of the sliding element

Clean hardware exclusively with a soft cloth and mild, pH-neutral cleaning materials in diluted form.



Warning!

- Avoid silicon free lubricants, rather use a dry cloth and fitting oil to protect the surface and prevent dust collection on the hardware parts.
- Do not lubricate the composite rods or door hinges.
- Never use aggressive acidiferous cleaning materials or scouring agents. These can cause damage to the hardware.

Visible Parts

Clean the mechanism and remove any traces of dirt. Use a soft cloth and mild, pH-neutral cleaning material in diluted form. Check all the components that are important for safety (hinges, extension arms). In particular, the hinges should be checked for damage and/or deformation due to violent impact.

Friction Stays

Clean all dirt, dust and debris from all parts of the product and keep any obstructions away from the pivoting and sliding parts. Use a vacuum cleaner or a small soft brush to remove dry materials. Use a dry cloth to remove any remains of dirt. Apply a silicon free lubricant on all pivoting and sliding parts of the products, wipe any excess lubricant over the surfaces of the hinge mechanism links using a soft lint free cloth.

Window Handles

Clean the mechanism and remove any traces of dirt. Use a soft cloth and mild, pH-neutral cleaning materials in diluted form. Check the operation of the components.

Door Handles

All movable parts and locking parts have to be oiled and their working order should be checked. The cylinder can be maintained by using graphite powder.

Hinges

Our hinges generally require no lubricant; if a squeaking noise is heard apply a silicon free lubricant to hinged surfaces.

MAINTENANCE OF HARDWARE AND ACCESSORIES

Locks

If locks are sticky use silicon free lubricant or Graphite lock powder available from most locksmiths.

Sliding Door Wheels

Spray or apply a silicon free lubricant into the wheel housing/bearings. Clean excess lubricant as it will attract dust. Ensure the track is clean and free of debris. A vacuum cleaner will remove dust the best.

Sliding Folding Door Wheels

If sliding folding door wheels are sticky, spray or apply a silicon free lubricant into the wheel housing/bearings. Clean excess lubricant as it will attract dust. Ensure the track is clean and free of debris. A vacuum cleaner will remove dust the best.

Sliding Folding Door Top Guide

Spray or apply a silicon free lubricant onto the top track and guide rollers to lubricate. Ensure no excess lubricant remains on the aluminium.

Flush Bolts

Spray or apply a silicon free lubricant into the mechanism and operate it a few times to ensure the lubricant is applied equally.



CLEANING INTERVALS GUIDELINE OF ARCHITECTURAL ALUMINIUM

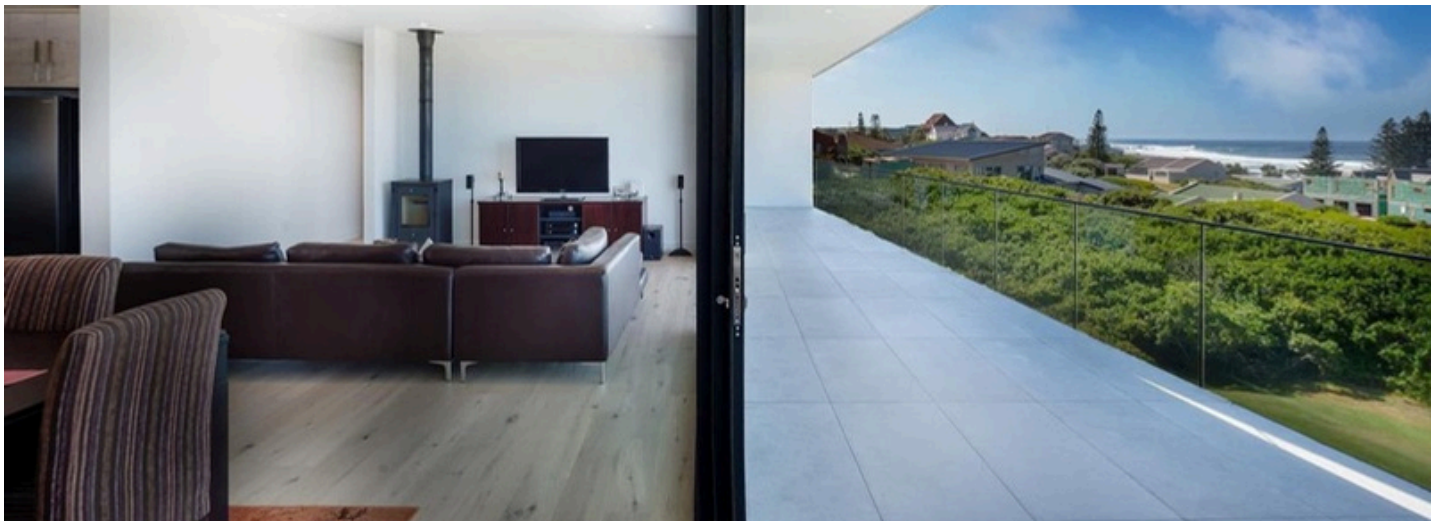
It is inevitable that atmospheric pollutants, dirt and grime will settle on aluminium products. If not removed regularly, these deposits may cause damage to the finish, as well as pitting and corrosion of the aluminium itself. In more extreme cases, this damage may not be reversible or repairable, if not regularly maintained. The specific cleaning interval will depend on the degree of soiling, exposure to pollution and weather conditions. It's essential to conduct regular visual inspections and clean before the surface becomes heavily soiled.

Recommended cleaning and checking at the following intervals for different environments:

ENVIRONMENT	DESCRIPTION	CLEANING INTERVAL
MILD	More than 10km from beachfront	Every 6 months (minimum)
MODERATE	More than 10km from beachfront	2 to 3 months (minimum)
MARINE	500m to 5km from beachfront	2 to 4 weeks (minimum)
SEVERE MARINE	Within 500m of beachfront	1 to 2 weeks (minimum)

Notes:

- Beachfront refers to breaking surf air borne moisture.
- Fresh water lakes are not considered high risk areas.
- Heavy industrial areas can be considered marine environments.
- The recommended maintenance intervals provided here are for general guidance. Local environmental conditions may differ.



AVAILABLE COLOUR OPTIONS



Black (BE)



Charcoal (CH)



Bronze (BZE)



White (WE)



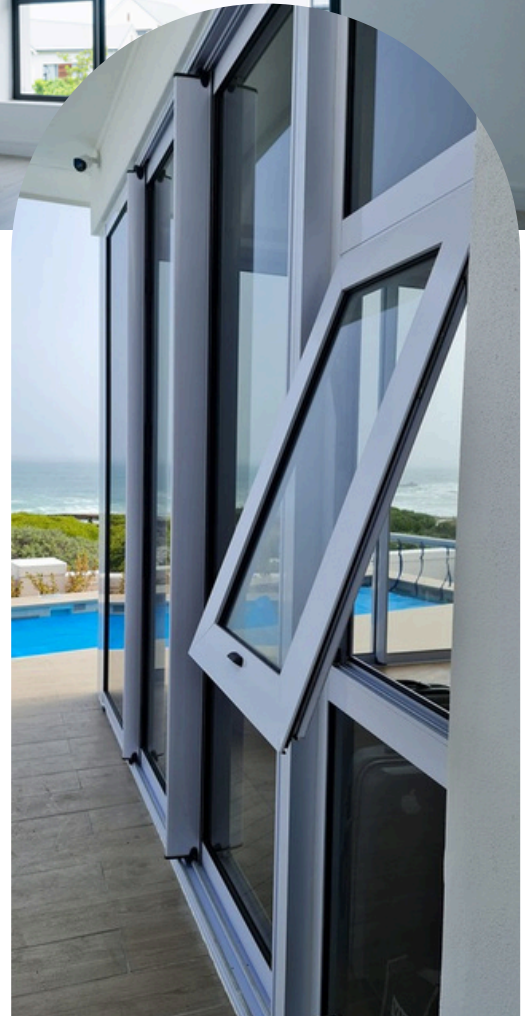
Silver (SE)



Stainless Steel (SS)



Bespoke Colours



*Colours shown are for illustration purposes only and may not be accurate due to screen and lighting variations. Actual colours may differ. Please consult a professional or refer to physical samples for accuracy.



OUR SERVICES

OUR SERVICES



DRAUGHTING

H Systems offers draughting services for medium to large architectural manufacturers. We have a team of draftsmen who can produce technical plans and drawings based on the architect's plans and client specifications. The service is flexible and can be tailored to meet the specific needs of residential and commercial projects. Our service offering includes digitizing existing plans, preparing shop-drawings for architectural approval, compiling documentation, and submitting as-built drawings in a packaged format for clients to review. H Systems aims to become an effective B2B model.



ESTIMATION

Our comprehensive estimating services and software empower our clients to effortlessly generate accurate quotes for their customers and precise cutting lists for their production facilities with a single click. Our sophisticated software is designed to streamline the estimation process, eliminating manual errors and saving valuable time and resources for our valued customers.



RESEARCH & DEVELOPMENT

Our technical department, comprising of highly skilled and experienced professionals, is engaged in ongoing development of innovative systems and technical solutions that are tailored to meet the evolving needs of our valued customers. Our team stays up-to-date with the latest advancements to ensure that we can provide our customers with the most reliable and efficient solutions in the aluminium industry.



CUSTOMER TECHNICAL SUPPORT

At H Systems, we prioritize our customers' satisfaction by providing unwavering support throughout their manufacturing journey. Our dedicated technical support team is committed to delivering exceptional service, offering comprehensive assistance and training to help our customers make informed decisions when selecting the most suitable product or service tailored to their specific needs. Furthermore, our punchtools are carefully crafted to simplify the manufacturing process, ensuring ease of use and increased efficiency, allowing our customers to achieve their production goals seamlessly.

Contact our Technical Department on 011-748 2660 or technical@hsystems.co.za for any assistance or further information on the available service.

OUR SERVICES

Window, door and curtain wall manufacturers plan and produce their products with LogiKal. LogiKal takes the user safely and efficiently through the entire process. It has never been so simple to design, estimate and produce doors, windows and curtain walls of all types and all sizes. LogiKal opens up direct and intuitive paths towards your goal.

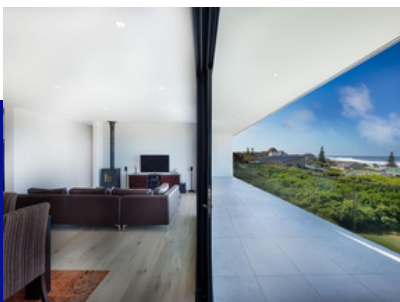


WHY LOGIKAL:

- User friendly interface.
- Personalized one on one training.
- Ongoing database updates.
- Instant help through remote support.
- Smart Measure app.
- Regular on site visits.
- Cloud solutions.
- Integration with external software.
- Information sharing & collaboration.
- Individual digitalized production.

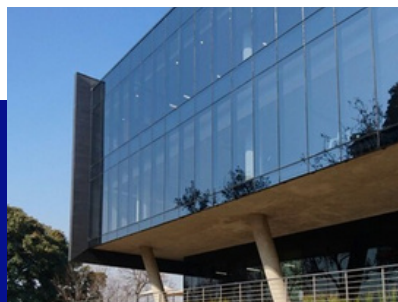
FEATURES:

- Element Input.
- Quotation.
- Shop drawings.
- Fabrication.
- Material optimization.
- Reporting.
- Custom hardware libraries.
- Construction with CAD.
- CNC integration.
- AutoCAD & Revit plugin.



HERITAGE BY H SYSTEMS

A range of generic systems consisting of various non-insulated doors, windows, fixed panels, fixed and ventilated louvre systems.



CUSTODIAN Collection BY H SYSTEMS

A range of specialized systems exclusive to H Systems consisting of thermally improved double-glazed curtainwall, non-insulated windows, doors, fixed glazing, and cladding systems.



aliplast ALUMINIUM SYSTEMS

A range of European systems imported from Belgium, comprising of thermally broken and non-insulated doors, windows, fixed panels and curtainwall systems.

OUR SERVICES

BIZMANTOOLS ESTIMATING SOFTWARE

H Systems (Pty) Ltd has partnered with Bizmantools, in developing user-friendly software which offers our valued customers a digital platform to do the following:

bizmantools



Bizman quoting enables our valued customers, to produce quotes for their customers and cutting lists for their production facilities at the touch of a button! The feature-packed product helps manage quality and profitability whilst ensuring all work produced is NHRBC (National Home Builders Registration Council) compliant.

H Systems has identified our customers' needs with regards to cutting and estimating and encourage all our valued customers to enquire through our Technical Department (technical@hsystems.co.za), how to get Bizman Lite and take their businesses to the next level.



HERITAGE BY H SYSTEMS

A range of generic systems consisting of various non-insulated doors, windows, fixed panels, fixed and ventilated louvre systems.



CUSTODIAN Collection BY H SYSTEMS

A range of specialized systems exclusive to H Systems consisting of thermally improved double-glazed curtainwall, non-insulated windows, doors, fixed glazing, and cladding systems.

PAINT & FINISHING



H Systems (Pty) Ltd has formed partnerships with different established powder coaters to provide the necessary paint and finishing services to all architectural manufacturers. H Systems and our partners offer tailored powder coating solutions to meet the specific requirements of different projects.

Powder coating architectural aluminium profiles have various benefits, including, but not limited to:

- Solvent free – No V.O.C (Volatile Organic Compounds) emission.
- Low fire hazard risk.
- Waste powder can be recycled.
- Increased durability of finishes on the final product.
- Superior corrosion resistance acting as a barrier to corrosive chemicals and moisture.
- Superior chemical resistance.
- Superior heat resistance and specifically developed for elevated temperatures.
- Superior abrasion and scratch resistance.
- Powders are formulated to withstand high impact.
- Superior quality finish.

Our flexible services mean that we can tailor make a powder coating solution to meet the specific needs of your projects.

Powder Coating specifications available:

- Various finishes (matt, gloss, satin, or textured).
- Various classifications (D1001, D1025, D1036 & D2525).
- Various colours.
- Akzo Nobel or Ferro product categories.

Powder coating has a lead time of between 15 – 20 working days.

PAINT OPTIONS



Black (BE)



Charcoal (CH)



Bronze (BZE)



White (WE)



Silver (SE)



Mill



Bespoke Colours

HERITAGE RANGE

H SHOPFRONT

H Shopfront is an affordable system that encloses and secures store openings with various configurations, providing a practical solution for maintaining an attractive retail entrance.

H CASEMENT SYSTEMS

H Systems' Heritage range offers modern, energy-efficient, and low-maintenance aluminium casement systems for residential and commercial buildings in various sizes and colours at great value.

ZENITH SLIDING WINDOW

The H Systems Zenith Sliding Window is a modern and affordable solution for domestic and commercial properties. It offers easy access locking, ultra-smooth rollers, energy efficiency, weather resistance, and exceptional functionality and security.

HEAVY DUTY SLIDER

Heavy Duty Slider is a versatile sliding door system with unique profiles, wide interlocker options, and can accommodate large sizes. Ideal for commercial and residential buildings, it's available in various finishes, including special colour powder coating.

PATIO SLIDING DOOR SYSTEM

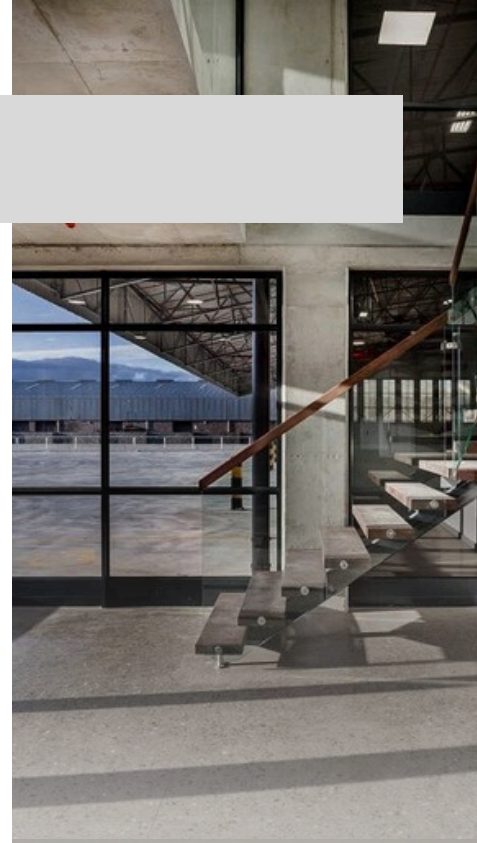
The Patio Sliding System has minimal framing for larger views and is ideal for tight spaces. It's a trusted domestic system with optional locks and night locks. It comes in mill finish, anodized, and powder-coated finishes, with special colours available.

SLIDING FOLDING DOOR

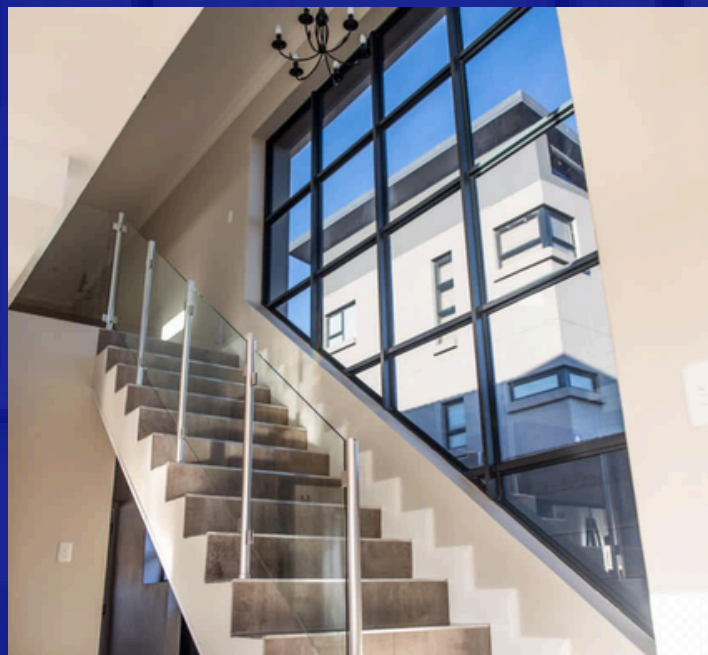
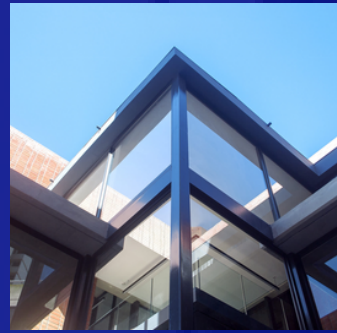
H Systems sliding folding door is a multi-panel door that can fold and slide in the same direction or split into two units. They're popular for creating large openings and commonly used in restaurants or patios. Available in various colours, including custom powder coating.

HERITAGE HARDWARE

H Systems' Heritage range provides a comprehensive selection of hardware, including various handles, locks, hinges, and other accessories for generic systems. With a wide range of options, this range is a valuable investment for any project. PVC gasket range available, with the option to utilize EPDM/ Santoprene gaskets.



OUR EXTRUSIONS



OUR EXTRUSIONS



Our Footprint



Gauteng (Johannesburg)

206 R23 Road, Bredell Ext 26,
Kempton Park, Gauteng, 1619
+27 11 748 2660

Western Cape (Cape Town)

Unit 2, Corner of Buttskop Road & Range Road,
Kwela Park, Blackheath, Cape Town, 7581
+27 21 905 0005

KwaZulu-Natal (EThekwini)

Unit 11, Vision Business Park, 5 Tottum Rd,
Cornubia, EtheKwini, 4001
+27 31 569 2275

Mpumalanga (Nelspruit)

Unit 2, Glassfit Building, 8 Stinkhout Crescent,
Nelspruit, Mpumalanga, 1201
+27 13 752 7565

Eastern Cape (Gqeberha)

11 Nicoll Road, Korsten, Gqeberha,
Eastern Cape, 6001
+27 41 451 1642

Limpopo (Polokwane)

Nkahloleng St Polokwane Ext 42,
Polokwane, 0700
+27 15 001 2604

Technical Department

206 R23 Road, Bredell Ext 26,
Kempton Park, Gauteng, 1619
+27 11 748 2660
technical@hsystems.co.za

Debtors Department

+27 33 386 1422/24

